

CITY OF LAKE OSWEGO

Sustainability and Climate Action Plan 2023 Progress Report



INTRODUCTION

ABOUT THE PLAN

Lake Oswego's Sustainability and Climate Action Plan (SCAP) was adopted by the City Council in May 2020. The SCAP includes goals and strategies to reduce greenhouse gas (GHG) emissions and strengthen Lake Oswego's resilience to the impacts of climate change.

The SCAP established Lake Oswego's community-wide carbon emission reduction goals:

- By 2035, Lake Oswego's buildings will have no net emissions from electricity use.
- By 2045, Lake Oswego's buildings will have no net emissions from onsite combustion of fuels.
- By 2050, Lake Oswego will reach carbon neutrality through reducing or offsetting our carbon emissions from buildings, transportation, and manufacturing and disposal of products within the city.

The Plan includes 9 strategies and 63 associated actions to reach the goal of carbon neutrality by 2050 and build a more sustainable community. Actions in the Plan involve City departments, community groups, organizations, and businesses, recognizing that successfully addressing the climate crisis and building a more sustainable community requires collaboration and action by all of us.

STATE AND FEDERAL CONTEXT

Since the adoption of the SCAP, there have been several developments at the state and federal levels that support Lake Oswego's climate action goals.

In 2021, the State of Oregon adopted the Climate Protection Program, which establishes declining caps on emissions from fossil fuels for fuel suppliers and large industrial facilities. Under CPP regulations, covered entities will have to reduce emissions 50% by 2035 and 90% by 2050. Also in 2021, the State legislature passed HB 2021, which requires electric utilities to deliver 100% clean electricity by 2040 and provides a pathway for cities like Lake Oswego with clean electricity targets sooner than 2040 to meet those through a community supported renewables program. In 2022, Oregon adopted the Advanced Clean Cars II rules banning the sale of new gasoline-powered cars in 2035, and the Climate Friendly Equitable Communities requiring 40% of all vehicle parking spaces in multifamily residential projects with 5 or more units to have EV charging capacity. As these new rules are implemented at the state level, they will help to reduce emissions from transportation and buildings in Lake Oswego, complementing actions we are taking locally.

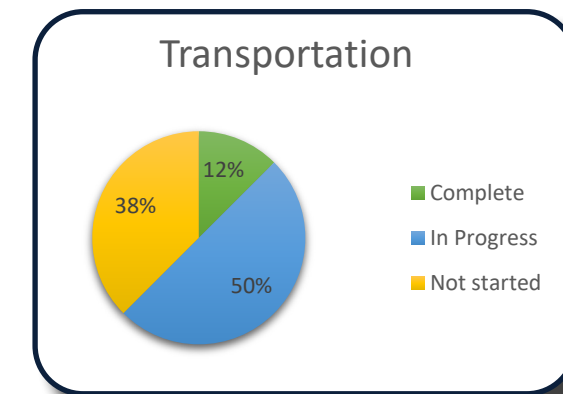
At the federal level, the 2022 Inflation Reduction Act (IRA) invested significant resources in grant programs and incentives to support clean energy initiatives by governments, businesses, and individuals. IRA funding is supporting the State of Oregon to build EV charging stations along major highways, and providing tax credits and rebates for households to conduct home upgrades to improve energy efficiency and transition to clean sources of energy, such as purchasing an EV, installing rooftop solar and battery storage, or purchasing an electric heat pump for home heating and cooling. The City is evaluating opportunities to apply for federal grants to support our SCAP goals.

2020-2023 PROGRESS

Out of the 63 actions in the Sustainability and Climate Action Plan, 10 have been accomplished or are completed and ongoing, 33 are in progress, and 20 actions have not been started. This report summarizes progress as of May 2023 and highlights for each of the Plan's nine strategies. While the primary focus is on actions led by the City of Lake Oswego, the report also highlights examples of actions by community members and organizations who are also leading the way and working together to create a more sustainable and resilient community. A full list of action items and their status is included at the end of the report.

REDUCE TRANSPORTATION EMISSIONS

Actions to reduce transportation emissions focus on improving public transit, biking and walking infrastructure to reduce vehicle miles traveled, and supporting the adoption of electric vehicles.



HIGHLIGHTS

- Since 2020, the City has acquired 3 more light-duty electric vehicles. The City vehicle fleet currently includes 8 EVs and 12 hybrids. Public Works is developing a fleet purchasing policy with an EV-first requirement to support further fleet electrification.
- In 2022, City Council passed an increase to the Street Maintenance Fee to pay for additional pedestrian pathways projects connecting neighborhoods with schools, business districts, and parks. Pathways are currently under design for Hallinan Street, Douglas Way, Boca Ratan Drive, and Lanewood Street.
- A section of Boone's Ferry Road was repaved and restriped in 2022 to include a wider bike lane for improved cycling experience.
- The Lake Oswego Sustainability Network's annual EV Fair brings community members together to learn about the benefits of electric vehicles, from electric cars to e-bikes. LOSN's expanded Electrification Fair in 2022 had around 300 attendees, including 25 car owners and representatives from 8 dealerships.
- Existing low ridership, in part due to low density, in Lake Oswego has resulted in proposed TriMet service reductions that will further reduce the accessibility of public transit as a low carbon transportation option.

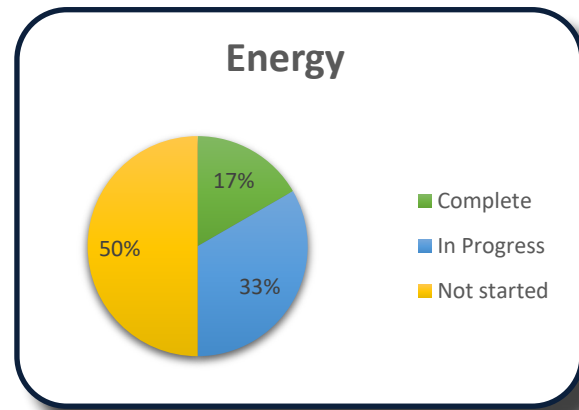
CHARGING AHEAD



There are currently 11 Level 2 EV charging stations installed at City facilities, 7 of which are available for public use. 4 more charging stations will be installed in the next few months for City vehicle use. The City is exploring opportunities to work with partners like PGE and organizations and businesses in our community to provide additional public charging options, including by raising awareness of available rebate programs from PGE and the Oregon Department of Transportation (ODOT) for property owners that install charging stations.

PROMOTE ENERGY EFFICIENCY

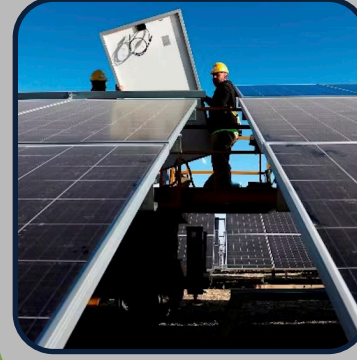
Actions that support our goal of reducing emissions from new and existing buildings in Lake Oswego include reducing energy use through building design and operations and using clean, renewable sources of energy.



HIGHLIGHTS

- Met the City’s 1 MW solar goal in 2021. As of May 2023, there was a combined 2.13 MW of solar generating capacity from 201 net metering customers across Lake Oswego.
- Lake Oswego has been an EPA Green Power Community since 2015. In 2021, 29% of residents and businesses used green power for at least a portion of their electricity use. The City purchases 100% clean renewable energy from PGE for all of its eligible electricity accounts.
- LOSN’s Electrify LO campaign is sharing information with community members about the climate, health, and money-saving benefits of home and vehicle electrification, and how residents can get started through home energy audits and clean energy incentive programs.
- Energy efficient HVAC and lighting systems were incorporated into the design of the new Lake Oswego Recreation and Aquatic Center.

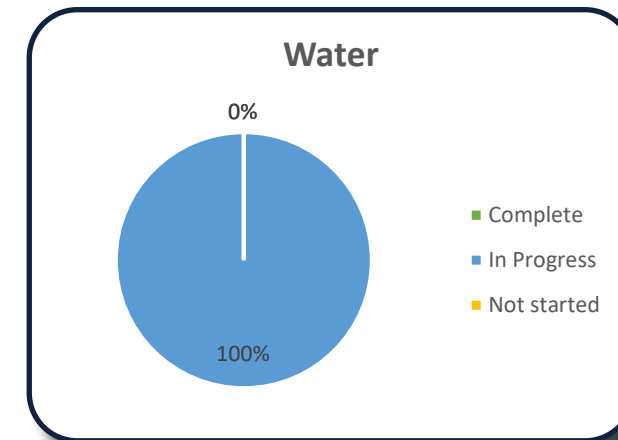
PARTNERING FOR CLEAN ENERGY



Pachwáywit Fields – Oregon’s largest solar facility – is now generating power, thanks in part to the City of Lake Oswego’s participation in Portland General Electric’s Green Future Impact program. In 2019, City Council authorized an agreement to purchase renewable energy directly from a new renewable energy facility through a power purchase agreement (PPA) with PGE. The City’s participation, along with other subscribers, helped to make the development of the new Pachwáywit Fields facility possible. Approximately 55% of the City’s electricity use is now sourced from this solar facility.

PROMOTE WATER CONSERVATION

Water conservation actions focus on minimizing water loss and reducing water usage across City operations and by residents.



HIGHLIGHTS

- The new City Hall, completed in 2021, has WaterSense certified plumbing and other low water usage technology installed throughout the building.
- The new Wastewater Treatment Facility project will leverage recycled water – a portion of on-site treated stormwater and treated wastewater – in the treatment process to reduce the amount of drinking water used for processing. The project is also exploring the possibility of using reclaimed water for irrigation at nearby Foothills Park.

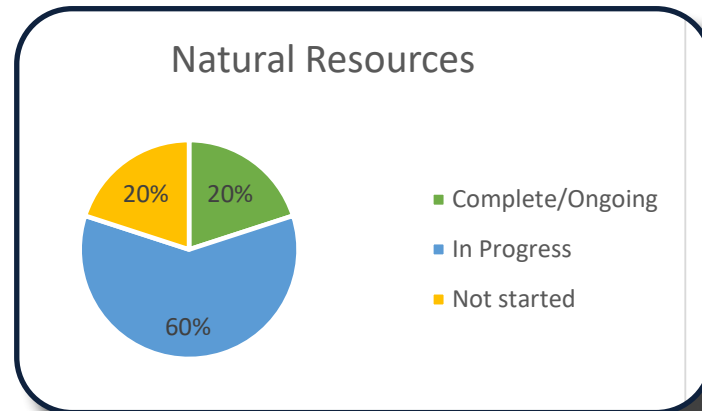
REDUCING WATER LOSS ACROSS THE SYSTEM



At the Water Treatment Plant, staff conduct an annual city-wide analysis to measure water lost before usage by customers. They are also measuring water use in each reservoir zone on a daily basis in preparation for comparing with Advanced Metering Infrastructure (AMI) daily meter usage when this data is available. On the distribution side, crews respond to about 20 water main breaks every year. The water conservation program also meets with residents that may have high water bills to check for leaks on the private side of the meter and identify opportunities to reduce water usage. Staff are also considering a leak detection audit of the system to further identify and reduce water loss.

PROTECT NATURAL RESOURCES

Actions to steward Lake Oswego’s natural resources focus on protecting and enhancing our urban forest and maintaining healthy water quality in Lake Oswego’s watersheds.



HIGHLIGHTS

- Completed an update of the State of the Urban Forest Report in 2022. The report will support an update to the Urban and Community Forestry Plan that is currently underway.
- Developed the City’s first Natural Areas Habitat Management Plan, adopted by City Council in December 2022.
- Three Park areas are in the process of obtaining certification through the Backyard Habitat Program. The new Campbell Native Pollinator Garden at Iron Mountain Park will be the first to be certified, and will incorporate educational signage. Parks staff are also incorporating more pollinator-friendly planting into landscapes.
- The Oswego Lake Watershed Council and Lake Oswego Sustainability Network’s 2021 annual Tree Summit brought together community members to learn about the impacts of climate change—wildfires, heat, and drought—on urban forest health.

COLLABORATING TO RESTORE NATURAL AREAS

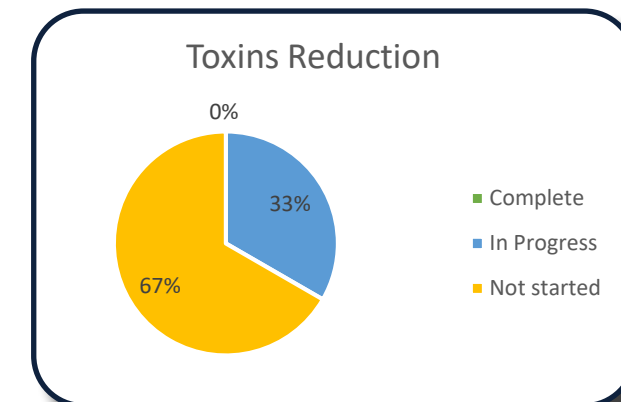


Community organizations and volunteers partnering with the City are making a big impact on restoring natural habitats in Lake Oswego across our 460 acres of park natural areas. In 2022, 942 community members volunteered a total of 1,972 hours across 47 different stewardship events. Stewardship activities included removing English ivy and other invasive species, planting native species, removing storm debris, improving trails, and Preschool Nature Walks. With the help of contractors, Friends Groups volunteers and City staff, 373 acres of natural areas are in the process of being restored and stabilized. The City’s Habitat Enhancement Program also provided grant funding to Oswego Lake Watershed Council, Tryon

Creek Watershed Council and Clackamas Soil and Water Conservation District to support restoration work on private and right of way land in Lake Oswego.

REDUCE EXPOSURE TO TOXINS

Actions to limit exposure to toxins for City staff and the public focus on responsible purchasing and exploring opportunities to address emissions from non-road equipment, including in landscaping.

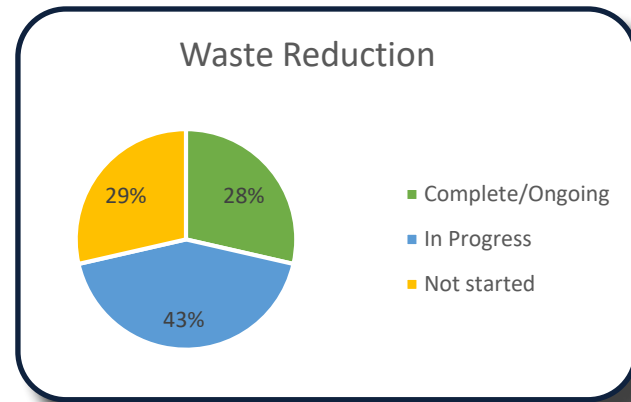


HIGHLIGHTS

- In 2021, City Council approved all-electric landscaping equipment for the City’s multi-site landscaping contract, covering over 200 public sites. In 2022 Council did the same for the Parks multi-site landscaping contract that supports 17 park sites.
- Parks and Recreation has been researching, testing, and purchasing electric equipment for their own maintenance activities. Parks currently has 26 pieces of electric landscaping equipment, including leaf blowers, weed eaters, hedge trimmers, chain saws, and 4 mowers.
- The Library added an electric leaf blower to the Library of Things collection.
- The City partnered with PGE to host an electric tool exchange at the first annual Sustainability Resource Fair in 2022. Residents recycled over 2300 lbs of gas-powered yard tools and received a discount on new all-electric models.
- Parks and Recreation is reviewing their cleaning product list to identify opportunities to switch to low/non toxic alternatives for parks cleaning.

REDUCE WASTE

Waste reduction actions include encouraging reuse, repair, and donation of goods, reducing single-use plastic and food waste, and supporting local food production and recovery.



HIGHLIGHTS

- The Library of Things lets Library card holders check out a wide range of tools, games, musical instruments, and other items, helping to reduce unnecessary consumption through sharing and reuse. In 2022, the Library added new items including an induction cooking kit contributed by the Lake Oswego Sustainability Network.
- The Lake Oswego Farmer’s Market sustainability policies prohibit single-use plastic bags, containers, and utensils at the market.
- The City is supporting local, organic and sustainable gardening and farming programs and education through the Community Supported Agriculture program, community gardens, children’s gardens at Luscher Farm, and the Library’s new Seed Library, added to their collection in 2023



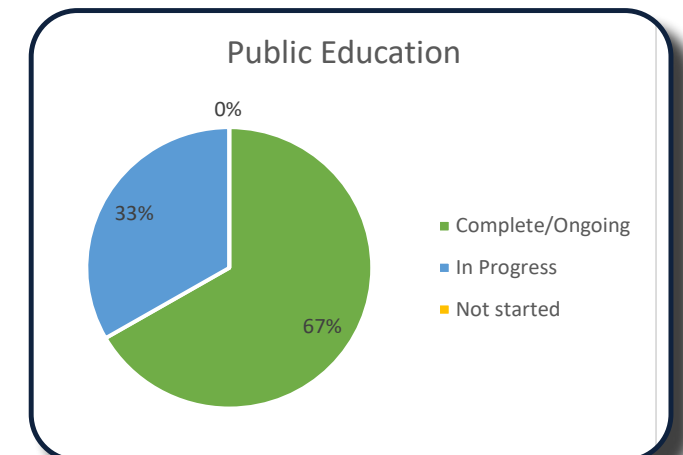
REDUCING WASTE IN SCHOOL LUNCHROOMS



All Lake Oswego School District schools have Oregon Green Schools certified Green Lunchrooms. LOSD engaged students to evaluate the level of waste produced in schools and opportunities to become more sustainable. Student leaders interviewed their peers, helped them to sort waste/compost, and gather meaningful data. In 2023, LOSD elementary schools went back to using washable trays and having a salad bar for fruits and vegetables, leading to a dramatic reduction in waste from packaged items. Lakeridge Middle School is piloting a reusable serving container system from Bold Reuse in Spring 2023 through a partnership facilitated by the Lake Oswego Sustainability Network. Bold Reuse supplies reusable food containers for serving lunches, students deposit them after eating, and the containers are collected to be sterilized. The pilot will run for six weeks and LOSD’s goal is to eliminate 8,000+ single use serving paper boats from ending up in the landfill. LOSD is also exploring ways to connect to their health curriculum to help students select appropriately sized and nutritional balanced meals.

ENHANCE PUBLIC EDUCATION

Public education actions focus on sharing the importance and value of sustainability efforts through diverse communication channels and events to encourage sustainable behavior change and empower community members to get involved in climate action.



HIGHLIGHTS

- Launched EcoHome LO, a residential sustainability certification program supporting Lake Oswegans to take action to advance sustainability at home and in the community.
- The City’s Sustainability Advisory Board and the Lake Oswego Sustainability Network each tabled on several occasions at the Lake Oswego Farmer’s Market to share information about climate change and sustainability topics and how people can get involved.

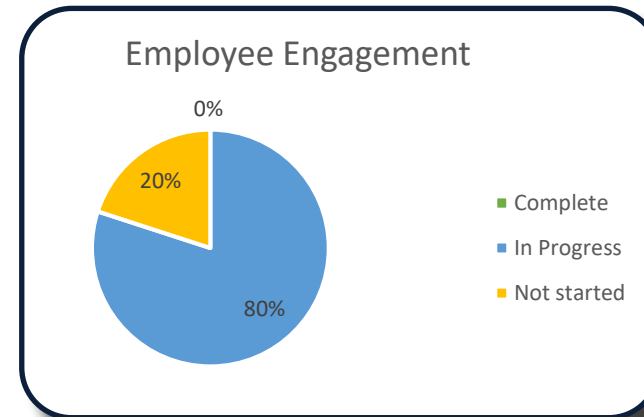
LAKE OSWEGO SUSTAINABILITY RESOURCE FAIR



In April 2022, the City’s Sustainability Advisory Board, Lake Oswego School District, Lake Oswego Sustainability Network, and Oswego Lake Watershed Council organized the first annual Lake Oswego Sustainability Resource Fair in celebration of Earth Day, to connect community members with sustainability information, resources, and volunteer opportunities. Held at Lakeridge Middle School, the fair had over 20 participating organizations and 200 visitors in the first year. In 2023, the fair saw even more engagement with over 30 participating organizations, including City departments and advisory boards, Clackamas County, DEQ, PGE, Solar Oregon, and community groups focusing on diverse aspects of sustainability, from environmental stewardship to social justice.

IMPROVE EMPLOYEE HEALTH & ENGAGEMENT

Actions to improve employee health and engagement focus on training City staff to empower them to incorporate climate and sustainability goals into decision-making and providing support for employees to reduce waste and choose low-carbon and active transportation.

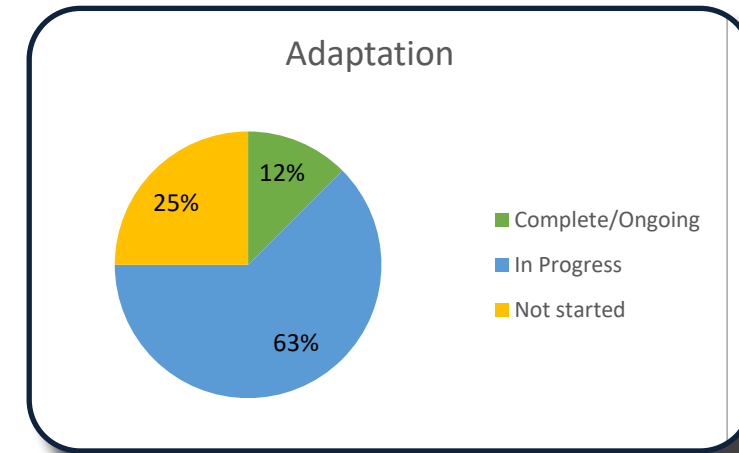


HIGHLIGHTS

- Sustainability training is part of the City’s New Employee Orientation program.
- The new City Hall building includes a gym, bike parking, shower, and locker room, as well as EV charging stations and designated carpool spots in the parking lot.
- Between 2018 and 2021, the percentage of employees taking public transit and biking to work fell, from 5.4% to 4.2% for transit and 2.3% to 0.7% for bike trips. While the fall in transit ridership may be partially attributed to the COVID-19 pandemic, meeting goals to reduce employee vehicle trips during commute hours will depend on improvements to public transit and biking infrastructure in Lake Oswego and surrounding communities.

ADAPT TO CLIMATE CHANGE

Climate adaptation actions focus on protecting our community and natural resources from the impacts of a changing climate, including increased temperatures, changes to precipitation patterns, and increased risk of wildfire and extreme weather.



HIGHLIGHTS

- The Fire Department offers free home assessments for homes located in the wildland-urban interface to help residents reduce wildfire risk on their property.
- Fire Station 214 is designing a sustainable fire-wise landscape demonstration project to be installed around the station that will include informational signage about sustainability, climate change, and fire-wise shrubs and plants.
- The City is working with Clackamas County to update our Natural Hazard Mitigation Plan in 2023, accounting for current and projected climate change impacts and adding actions related to extreme heat. The 2022 update to the State of the Urban Forest Report and new Natural Areas Habitat Management Plan incorporated data on climate change and resilience strategies.
- The Engineering and Planning Departments collaborated to implement a Flood Management Area permit to facilitate flood resistant development.

BUILDING WILDFIRE RESILIENCE IN MOUNTAIN PARK



The Oswego Lake Watershed Council and Mountain Park Homeowners Association are collaborating on a hazardous fuel reduction project with grant funding and support from the Oregon Department of Forestry. The project aims to reduce the risk of wildfire in the Mountain Park neighborhood through hazardous fuel reduction, invasive species removal, and planting fire-resistant native species on 120 acres of common property. The project is also supporting the formation of a Firewise USA community managed by residents of Mountain Park.

Looking Forward: Next Steps for Implementation



We have made notable progress in the first three years of implementing the 2020 Sustainability and Climate Action Plan. However, several actions in the plan face challenges or obstacles, and opportunities exist to improve and accelerate our progress on climate action going forward. The following are recommended next steps for implementation:

- » **Develop a citywide EV charging strategy.** The SCAP includes several actions related to expanding EV charging infrastructure (EV2, EV3, and EV5), all of which will require collaboration with external partners including PGE, developers, and property owners. Developing a citywide EV charging strategy that identifies needs related to EV charging in our community, outlines the role of the City and other partners, and identifies potential barriers and funding needs will facilitate progress on these action items. It will also help the City and other partners to be more competitive in applying for state and federal grant funds that are available for EV charging infrastructure.
- » **Continue to identify and pursue opportunities to expand availability and use of clean energy for residents and businesses in Lake Oswego, including rooftop and community solar.** Burning fossil fuels to power homes and buildings is one of the largest sources of emissions in Lake Oswego. As the grid gets cleaner under state mandates, building electrification presents a significant opportunity to reduce building emissions while also improving home health and safety. Rooftop solar can also contribute to energy resilience when paired with battery storage systems. There are significant clean energy incentives available for residents and businesses through the Inflation Reduction Act and the City can facilitate action by sharing information about those resources and identifying and addressing potential barriers to access.
- » **Update the EcoHome LO program to improve user experience and increase engagement.** EcoHome LO can be an effective tool for public education and engagement to support sustainability and climate action across our community. Based on feedback from initial users, City staff are in the process of making improvements to the EcoHome LO website to make it easier to understand and navigate. Once updates are complete, additional communications and outreach will be needed to grow the number of participants.
- » **Update adaptation actions to include strategies for energy resilience and managing extreme heat.** Adaptation actions in the Sustainability and Climate Action plan should be refined based on the latest information on climate change impacts in Oregon, and experience from recent events including extreme heat in the summers of 2021 and 2022. The plan currently does not detail strategies to support energy resilience in our community, which is increasingly important in the context of more extreme weather like storms that can damage energy infrastructure, and the electrification of buildings and transportation.
- » **Update our community greenhouse gas (GHG) emissions inventory.** The City last completed a community GHG inventory in 2012. Updating the inventory will enable us to track progress towards our community-wide emissions reduction goals, and help identify which sectors represent the biggest opportunities for emissions reductions and with updating our goals and strategies as needed.
- » **Wherever possible, establish measurable targets for goals and actions in the plan.** Currently only some actions in the plan have specific timelines or targets, such as increasing the market share of EVs in Lake Oswego to 60% by 2040 (EV4). Establishing specific and measurable targets and associated key performance indicators will enable us to better track and communicate our progress, improve accountability, and assist with budgeting and work planning.

FULL LIST OF SUSTAINABILITY AND CLIMATE ACTION PLAN ACTION ITEMS AND STATUS

TRANSPORTATION

Action Item	Timeline	Responsible Parties	Status
EV1: Where an electric version of the vehicle is available, the City must consider this option when purchasing a new vehicle. A life cycle analysis, feasibility and financial study must be undertaken, and gasoline powered vehicle only selected if it is shown through all analyses to be the best available choice.	10 years	All Departments	In progress
EV2: Install EV charging stations for City owned vehicles at a majority of City facilities and parks	5 years	Public Works - Facilities, Sustainability	In progress
EV3: Work with developers and large landowners to educate them on the benefits of providing EV charging stations at multifamily housing developments and new parking garages	5 years	Planning, Building, Sustainability, PGE	In progress
EV4: Community groups partner with EV organizations to increase market share of EVs in Lake Oswego (goal of 60% market share by 2040)	20 years	Community Groups	In progress
EV5: Partner with PGE to expand residential charging opportunities	4 years	Sustainability, PGE	In progress
TR1: Advocate for additional funding to improve bus shelters within the city	10 years	City Manager's Office, Planning, TriMet, Public Works - Engineering	Not started
TR2: Identify locations for additional Park & Ride Facilities and improve usage of existing locations	5 years	City Manager's Office, Planning, Public Works - Engineering	Not started
TR3: Partner with organizations looking to provide additional new transit options to Lake Oswego	5 - 10 years	City Manager's Office, Community Groups, TriMet, Metro, ODOT	Not started
TR4: Partner with LOSD to create Safe Routes to School and "Walking School Bus" days	5 years	Sustainability, LOSD, Police, Public Works - Engineering, Community Groups	In progress
TR5: Promote TriMet business programs to provide transit passes to Lake Oswego employers	5 years	Sustainability, TriMet, Community Groups	Not started
TR6: Continue to provide Universal Transit passes to City employees	Ongoing	Human Resources, Finance	Completed/Ongoing
TR7: Develop City employee ride-sharing forum to reduce single car occupancy commute rate	2 years	Sustainability, IT	Not started
TR8: Work closely with TriMet to advocate for improved bus service to Lake Oswego	5 years	Planning, Public Works - Engineering	In progress
BK1: Implement community bike share program	5 years	City Manager's Office, City Attorney's Office, Community Groups, Sustainability	Not started
BK2: As identified in Transportation System Plan, construct bike lanes and designated bike routes within Lake Oswego	5 - 10 years	Planning, Public Works - Engineering, Transportation Advisory Board	In progress
BK3: Provide improved bike facilities for City staff and visitors to City Hall (showers, safe bike storage rooms)	1 year	Public Works - Facilities, City Manager's Office	Completed

ENERGY

Action Item	Timeline	Responsible Parties	Status
SO1: Work with businesses, LOSD, and community groups to meet the City's 1 MW solar goal (Resolution 16-28) by 2021	1 year	Sustainability, Community Groups	Completed/Ongoing
SO2: Partner with Clackamas County to recognize "solar champions" as part of the Leaders in Sustainability program	2 years	Sustainability, Clackamas County, Community Groups	Not started
SO3: Consider fee reductions and education homeowners on prescriptive path option for installing PV systems and available incentives	3 years	Planning, Building, Sustainability Advisory Board	In progress
EN1: Hold Home Energy Rating System workshop for staff	1 year	ODOE, Sustainability, Building	Not started
EN2: Train staff on energy code updates as they are released	Ongoing	Building	Completed/Ongoing
EN3: Update "High Performance Building Guidelines for City Facilities"	4 years	Sustainability	Not started
EN4: Target an Energy Use Intensity (EUI) of 22 (Net Zero) for all new City facilities and redevelopment construction projects	Ongoing	City Manager's Office - Sustainability, Redevelopment; Public Works - Facilities, Parks and Recreation	In progress
EC1: Complete an energy inventory of City facilities	4 years	Sustainability, Public Works - Facilities, Parks and Recreation, Energy Trust contractors	Not started
EC2: Educate community members on energy savings	Ongoing	SAB and Community Groups, Library, Sustainability	In progress
EC3: Increase access to energy audits for residents to encourage home energy upgrades	Ongoing	Sustainability, Library, Community Groups	In progress
EC4: Encourage transition to high-efficiency heat pumps through potential incentive program	10 years	Sustainability Advisory Board, Community Groups	Not started
EC5: Examine the effectiveness of Portland's Home Energy Score program for sellers of single family homes, and consider a similar program	2 years	Sustainability, Building	Not started



WATER CONSERVATION

Action Item	Timeline	Responsible Parties	Status
WC1: Explore technologies that can reclaim water, harvest grey water, rain water, and energy waste at City facilities	Ongoing	Water Conservation, Parks and Recreation, Public Works - Facilities, Water Treatment Plant	In progress
WC2: Increase promotion of free water audits and continue to provide high efficiency water fixtures to residents. Educate residents on incentives to buy water efficient appliances. Expand Automatic Meter Reading program.	5 years	Water Conservation	In progress
WC3: Install Energy Star Certified plumbing and other low water usage technology in all City facilities to reduce water usage	Ongoing	Water Conservation, Public Works - Facilities	In progress
WC4: Explore technologies to reduce water losses across the water distribution system	4 years	Water Treatment Plant	In progress

NATURAL RESOURCES

Action Item	Timeline	Responsible Parties	Status
NR1: Research tree species that adapt well to changing climate conditions and are fire resistant	4 years	Parks, Public Works, Fire	In progress
NR2: Update Urban Forestry Report in 2021	1 year	Planning	Completed/Ongoing
NR3: Continue to assess and revise stormwater management goals and guidance	Ongoing	Public Works - Engineering	In progress/Ongoing
NR4: Prioritize high water quality in Lake Oswego watersheds from impacts from increased water temperature	Ongoing	Public Works - Engineering, Parks and Recreation, Lake Corp, Community Groups	In progress
NR5: Develop a natural resources dashboard	2 years	Planning, Parks and Recreation, IT	Not started

TOXINS

Action Item	Timeline	Responsible Parties	Status
TO1: Communicate Facilities purchasing policy to all departments to ensure that all materials ordered are low in volatile organic compounds (VOCs) and high in recyclability	3 years	Sustainability, Public Works - Facilities, Parks and Recreation	Not started
TO2: Obtain EcoBiz certification for Motor Pool and Parks Maintenance facilities and operations	5 years	Public Works - Facilities	Not started
TO3: Investigate strategies to reduce exposure to emissions from gas powered lawn equipment and diesel construction equipment	3 years	Sustainability, Parks and Recreation, Public Works - Facilities, Library, Community Groups, Sustainability Advisory Board	In progress



WASTE

Action Item	Timeline	Responsible Parties	Status
WR1: Explore pilot projects with franchised waste hauler to audit community waste output	2 years	Sustainability, Republic Services	Not started
WR2: Move to all paperless agenda packets for City Council and Boards and Commissions meetings	1 year	City Recorder, Boards and Commissions	Completed/Ongoing
WR3: City to purchase solar self-compacting garbage cans for outdoor City owned facilities	4 years	Parks & Recreation, Public Works - Facilities	In progress
WR4: City to work with businesses to decrease usage of single use hospitality items	2 years	Sustainability, Community Groups	Not started
WR5: City to eliminate use of all single use plastic or "compostable" bioplastic serviceware at City run or sponsored events and meetings and replace with reusable, bamboo, wood, or paper alternatives compliant with Lake Oswego recycling guidelines by 2025	5 years	CMO, Parks & Recreation, City Council, Boards & Commissions, Library	In progress
WR6: City to continue support for the Farmer's Market and Community Supported Agriculture program, while exploring additional opportunities for community gardens, edible landscaping, and local food banks	Ongoing	Parks and Recreation, Water Conservation, Community Organizations, Library	Ongoing
WR7: Support efforts to reuse, repair, and donate items to minimize community contributions to the waste stream	Ongoing	Sustainability, Library, Clackamas County, Community Groups	In progress/Ongoing

PUBLIC EDUCATION

Action Item	Timeline	Responsible Parties	Status
PE1: Strategically highlight the sustainability elements of City projects through existing communications and outreach channels	Ongoing	Public Affairs, Sustainability	Ongoing
PE2: Identify opportunities to share value of sustainability efforts to community through new communication channels	3 years	Public Affairs, IT, Sustainability	In progress
PE3: Partner with outside organizations to host sustainability education events for the community in public spaces	Ongoing	Sustainability, Library, Parks and Recreation	Ongoing

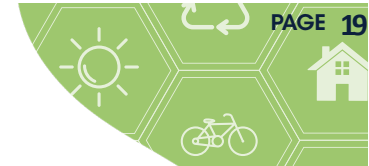


EMPLOYEE HEALTH AND ENGAGEMENT

Action Item	Timeline	Responsible Parties	Status
EE1: Deliver employee sustainability training	Ongoing	Sustainability, HR	In progress
EE2: Hold department trainings on Sustainability and Climate Action Plan to ensure it is integrated into daily decision-making	1 year	Sustainability	In progress
EE3: Create online forum for employees to share information about ridesharing, donating goods, and other free services	1 year	Sustainability, HR, IT	Not started
EE4: Support use of active transportation by employees to meet health, wellness, and sustainability goals	Ongoing	HR, Public Works - Facilities, Sustainability	In progress
EE6: Reduce peak hour commuting by City employees by next DEQ Employee Commute Options reporting in 2022	2 years	HR, Department Heads, IT	In progress

ADAPTATION

Action Item	Timeline	Responsible Parties	Status
GA1: Update Disaster Management policies and procedures in preparation for more frequent extreme weather events	10 years	Emergency Management, Finance, City Manager's Office, Police, Fire, Parks and Recreation	In progress
GA2: Assess where new rules, policies, or programs are needed in advance of more frequent extreme weather events	3 years	All City Departments	In progress
GA3: Prepare community systems for long term climate and energy challenges including fuel shortages, summer drought, increased storm intensity, flooding, and declining air quality	10 years	Sustainability, Fire, Police, Parks and Recreation, Public Works, Water Conservation, Clackamas County	In progress
GA4: Update flood zone maps to incorporate climate change projections, following FEMA's lead in establishing base flood elevations. Ensure development is flood resistant and does not create future climate equity issues.	10 years	Planning and Building, Public Works - Engineering, Parks and Recreation	In progress
WS1: Work to identify populations that are particularly sensitive to poor air quality and particulate matter from wildfire smoke	5 years	City Manager's Office, Police, Fire	In progress
WS2: Develop education and outreach materials about the hazards of wildfire smoke and determine communication channels	5 years	City Manager's Office, Public Affairs	Not started
WS3: Determine City response actions to wildfire smoke	4 years	City Manager's Office, Police, Fire, Public Affairs, Public Works, Parks and Recreation	Not started
WS4: Educate residents on steps they can take to reduce wildfire risk on their own property	3 years	Public Affairs, Fire, Community Groups, Library	Completed/Ongoing





WWW.LAKEOSWEGO.CITY