























## Sustainable Bellevue: 2021 - 2025 Environmental Stewardship Plan

Summary of Implementation Progress








November 2022



Status	# of Actions	Description	% of Total
 Started	33	Work has started / implementation is partially complete	42%
 Ongoing	26	Work has been incorporated into ongoing operations	33%
 Complete	4	Work has been completed	5%
 Not started	15	Work has not yet begun	19%
 Barrier	0	Need to re-strategize approach. There is a barrier to implementing the action.	0%
<b>Total</b>	<b>78</b>		<b>100%</b>




#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
<b>Strategy C.1. Mitigate emissions and plan for the long-term impacts of climate change.</b>							
C.1.1	<b>Climate vulnerability assessment.</b> Perform a climate vulnerability assessment to understand long-term risks and vulnerabilities associated with climate change and identify next steps in terms of enhancing resiliency.	Analysis / Planning	CD	 <b>Started</b>	Launched the Climate Vulnerability Assessment in September, which is part of the scope for the Comprehensive Plan Environmental Impact Statement. Received a \$79k grant from the Department of Commerce Growth Management Early Climate Planning program.	Complete research of climate impacts in Bellevue and synthesize into a report. Utilize climate risks in analysis of land use alternative for the Comprehensive Plan Environmental Impact Statement.	2021-2022
C.1.2	<b>King County Cities Climate Collaboration (K4C).</b> Continue participating in the King County Cities Climate Collaboration to support the achievement of the countywide K4C goals.	Policy / Staff	CD	 <b>Ongoing</b>	City staff meeting monthly with K4C staff liaisons to coordinate on local, regional, and state climate issues and elected officials meet twice a year. The K4C held an elected official townhall on 5/10/2022, for residents in King County.	Ongoing participation in the K4C.	Ongoing
C.1.3	<b>State advocacy.</b> Advocate for state-level policies and funding that support the achievement of the plan goals.	Policy	CMO	 <b>Ongoing</b>	Received a WA Department of Commerce grant to perform a climate vulnerability assessment. Submitted a grant to the WA Department of Transportation for public high-speed EV charging stations, which was not successful but received positive feedback.	Preparation for upcoming grant opportunities for EV charging infrastructure and others.	Ongoing
C.1.4	<b>Climate equity.</b> Prioritize climate mitigation and adaptation investments in historically underserved and underrepresented communities.	Planning / Capital	CD	 <b>Ongoing</b>	The Tree Giveaway program is using a racial equity lens and the American Forests Tree Equity Score to prioritize tree planting in underserved areas. The air quality and planning guidelines project uses an equity lens to look at the impact of development in proximity to high capacity roadways.	Will use an equity lens in the Climate Vulnerability Assessment, to prioritize climate resiliency strategies.	2021
C.1.5	<b>Environmental equity assessment.</b> Perform an environmental equity assessment to identify environmental risks to communities of color and equitable access to environmental resources in Bellevue. Use the assessment to develop recommendations for policies and programs to continue to advance equity and reduce environmental burdens.	Planning	CD	 <b>Started</b>	The Environmental Impact Statement (EIS) for the Comprehensive Plan will look at impacts of growth and development in Bellevue with an equity lens, and taking into account the long-term impacts of climate change. The Air Quality and Planning Guidelines project also evaluates the impact of air pollution on vulnerable populations and best practices for reducing exposure.	Release draft Comprehensive Plan Environmental Impact Statement in April 2023.	2021-2022
C.1.6	<b>Air quality.</b> Pilot air quality monitoring sensors and incorporate air quality considerations into planning for major rezonings.	Capital & Partnerships	CD TRNSP	 <b>Started</b>	Completed first draft of the Air Quality and Planning Guidelines report which analyzes research on land use planning near freeways and identifies potential concerns and mitigation strategies.	Finalize report and utilize in the Comprehensive Plan and Wilburton projects as appropriate.	2021-2022
C.1.7	<b>Climate outreach and education.</b> Develop a climate outreach and education campaign or program to support ongoing community engagement.	Education/ Outreach	CD	 <b>Ongoing</b>	Held a Sustainable Bellevue Community Townhall on February 2nd and on July 14, along with a meeting of the full Sustainability Leaders Group, multiple residential energy efficiency working group meetings and commercial energy efficiency working group meetings. Launched the Community Climate Challenge for Earth Day 2022, to engage residents in taking action.	Continue enhanced engagement launched in 2021, to engage with residents and stakeholders. Develop plan for engagement for 2023.	2021-2025
C.1.8	<b>Functional plan in Comprehensive Plan.</b> Update the Comprehensive Plan to reflect that the Environmental Stewardship Plan is a functional plan.	Policy / Planning	CD	 <b>Not started</b>	Include in scope of work for Comprehensive Plan update amendments, which will be adopted in mid-2024. This will provide direction for the frequency of future Environmental Stewardship Plan updates.	This will be included in the recommended amendments to the Comprehensive Plan.	2021-2025








#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
<b>Strategy M.1. Sustainable land use.</b>							
M.1.1	<b>Sustainable district.</b> Explore creating a sustainable district, such as an EcoDistrict, in downtown, BelRed, or Wilburton, to encourage district-scale sustainability. Establish district-scale sustainability goals with partner organizations.	Policy / Education/ Outreach	CD	 Not started	Beginning to gather ideas for the scope of work of this effort, to evaluate opportunities for a 2030 District and an EcoDistrict in Bellevue.	In early 2023, develop scope of work and hire consultant to provide subject matter expertise in evaluating opportunities for a sustainable district in Bellevue.	2022-2023
M.1.2	<b>Using the 15-Minute City concept, promote and advance essential components of livability.</b> Identify locations along the frequent transit network to continuously promote improvements that support access to transit and a high quality of life and livability.	Planning	CD TRANSP	 Started	The goal for walkable neighborhoods with easy access to amenities was included in the Neighborhood Area Plans for East and West Bellevue.	This concept will be incorporated into the growth alternatives for the Comprehensive Plan update.	2022-2024
M.1.3	<b>Consider climate and sustainability in land use and neighborhood planning.</b> Address environmental stewardship in all land use projects and neighborhood planning and services.	Planning / Policy	CD DSD	 Ongoing	The Comprehensive Plan Environmental Impact Statement Scoping notice which was released on Sept 29 includes air quality and GHG emissions, energy and natural resources, and other key criteria for the proposed elements for the analysis of land use alternatives. <a href="https://bellevuewa.gov/2044-environmental-review">https://bellevuewa.gov/2044-environmental-review</a>	The Comprehensive Plan Environmental Impact Statement Scoping notice which was released on Sept 29 includes air quality and GHG emissions, energy and natural resources, and other key criteria for the proposed elements for the analysis of land use alternatives.	2021-2025
M.1.4	<b>Growth corridor parking review.</b> Study the impact of light rail and the increasing use of mobility options on the supply and demand for commuter and residential parking in buildings near transit stations. Consider modifying parking requirements to account for shifts in commuting behavior.	Policy	CD	 Not started	N/A	This project will commence after the light rail opens and people's transportation patterns adjust to the new mode of transport, likely for one year after light rail opens.	2024
<b>Strategy M.2. Expand mobility options.</b>							
M.2.1	<b>Mobility Implementation Plan.</b> Develop a Mobility Implementation Plan that includes opportunities to decrease per capita vehicle miles traveled through prioritization and investments to support transit and non-motorized modes.	Policy and Planning	TRANSP	 Complete	Mobility Implementation Plan adopted April 18, 2022. Traffic Standards Code recommendation approved June 9 - to Council June 27. Multimodal Concurrence Code Adopted, Implementation Guide signed September 16, effective date October 16		2021-2022
M.2.2	<b>Transportation impact fees.</b> Consider expanding the Transportation Impact fee program to support construction of projects to improve walking and biking, in addition to increasing capacity of motorized vehicles.	Policy	TRANSP	 Not started	N/A	Will reassess after the Mobility Implementation Plan and related work is complete in late 2023.	2022-2023
M.2.3	<b>Curbside Management.</b> Explore strategies to effectively manage curbside space for a variety of uses such as ride-share, buses, pedestrians, and other needs.	Policy and Planning	TRANSP	 Started	Transportation Commission approved policy recommendation June 9. Transmitted Planning Commission for review on June 22, Planning Commission recommended approval of policy amendments on September 14 - to Council in the Fall		2021-2023
M.2.4	<b>Accelerate implementation of the Pedestrian and Bicycle Transportation Plan.</b> Increase accessibility of travel routes for people walking and bicycling by accelerating implementation of projects identified and prioritized in the Pedestrian and Bicycle Transportation Plan and the standards and guidelines recommended in the 2017 report on Multimodal Level-of-Service Standards and Guidelines.	Capital	TRANSP	 Ongoing	Pedestrian and Bicycle implementation funded through multiple CIP programs and the Transportation Levy. Seeking additional funds through an application for Safe Streets and Roads for All Grant funds to accelerate implementation. For more information, go to: Pedestrian & Bicycle Planning Initiative.		2021-2025
M.2.5	<b>Commute Trip Reduction.</b> Continue the Commute Trip Reduction and Transportation Demand Management program for employers and study the impact of COVID-19 on future commuting patterns and associated multi-modal mobility needs.	Analysis	TRANSP	 Ongoing	Ongoing program, to support residents and businesses in identifying commuting alternatives to driving alone.		Ongoing

#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
<b>Strategy M.3. Convert and replace vehicles and equipment to electric and other low-carbon fuels.</b>							
M.3.1	<b>EV readiness.</b> Introduce electric vehicle charging readiness requirements for new commercial, multi-family, and single-family buildings to exceed the state building code requirement.	Policy	DS CD	⊖ Not started	The WA State Building Code Council is considering updates to the residential code to require EV charging pre-wiring in single-family, duplex, and townhouse buildings with attached garages or carports.	Bellevue is monitoring the proposed amendments to the state building code.	2021-2022
M.3.2	<b>EV infrastructure</b> Increase EV charging infrastructure through partnerships, incentives, and targeted investments.	Capital / Policy & Partnerships	CD	▶ Started	Received two free EV charging stations from PSE for the Bellevue Service Center. Applied for WSDOT EV Infrastructure grant for publicly accessible high speed charging stations.	Develop an EV Roadmap strategy to help identify priority sites for grant proposals and private investment, to help guide EV charging infrastructure deployment.	2022
M.3.3	<b>Electrify heavy duty vehicles.</b> Partner with local organizations to identify funding sources and opportunities to electrify buses and heavy duty vehicles.	Planning	CD	⊖ Not started			2021-2025
M.3.4	<b>Clean Fuel Standard.</b> Support a regional or statewide Clean Fuel Standard to reduce emissions from transportation fuels and support funding for clean fuels.	Policy	CMO	✔ Complete	The WA State Clean Fuel Standard (E3SHB 1091) was signed into law in 2021 and will take effect in Jan 2023. The law will require fuel suppliers to reduce the carbon intensity of transportation fuels to 20% below 2017 levels by 2038.	Monitor rule make for the Clean Fuel Standard and identify revenue generating opportunities through the sale of credits from owning and operating EV charging stations.	2021-2025
<b>Strategy E.1. Improve performance of new construction.</b>							
E.1.1	<b>Streamlined permitting.</b> Develop a program to streamline permitting processes for single-family residential green building projects, to incentivize more green building. Evaluate impact and opportunities for expanding the program.	Policy / Incentive / Staffing	DS	⊖ Not started			2021-2023
E.1.2	<b>Advanced green building pilot program.</b> Develop a pilot program to incentivize advanced green building, such as the Living Building Challenge or net zero energy.	Policy / Incentive	CD DSD	⊖ Not started			2022-2025
E.1.3	<b>Green building incentives.</b> Review effectiveness of existing green building land use incentives and consider options for increasing the impact and making them more consistent across neighborhoods which are undergoing rezoning.	Policy	CD DSD	⊖ Not started		Staff will seek to identify opportunities for green building incentives as part of upcoming rezoning projects, such as for Wilburton.	2021-2023
E.1.4	<b>Green affordable housing.</b> Evaluate opportunities to support green affordable housing, and identify strategies to encourage additional levels of green building beyond the Evergreen green building standard, for city-funded projects.	Policy	CD DSD	⊖ Not started		With additional budget funding for 2023-2024, staff will work with affordable housing developers to identify opportunities for supporting the development of green affordable housing.	2021-2023
E.1.5	<b>State building code improvements.</b> Support ongoing energy efficiency and green building improvements to the Washington State Energy code.	Policy	DSD	🔄 Ongoing	Bellevue adopted the most recent, 2018 International Code Council Building codes effective February 1, 2021. Bellevue signed a joint K4C letter supporting the energy efficiency proposed updates to the Residential Energy code.		Ongoing









#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
<b>Strategy E.2. Engage the community on best practices for energy conservation.</b>							
E.2.1	<b>Commercial energy efficiency.</b> Provide technical assistance for commercial energy benchmarking and retrofits for large buildings, to support compliance with the statewide program and leverage early adoption incentives.	Incentive	CD	 Started	Launched the Clean Buildings Incentive Program in December 2021. Enrolled 124 buildings in the program and completed energy benchmarks for 68 buildings. To date, completed scoping assessments for five buildings, and will support seven buildings with applying for Early Adopter incentives from the WA Dept of Commerce.		2021-2024
E.2.2	<b>Home energy retrofit program.</b> Develop a home energy retrofit program to support retrofits and incentivize energy efficiency.	Incentive	CD	 Started	Launched the Energy Smart Eastside program in July 2022, and held five workshops with nearly 400 participants. Established a partnership with heat pump distributor, Gensco, to offer a \$500 discount per installation. Awarded a \$1.2M grant from the WSU Community Energy Efficiency Program, in partnership with the Eastside cities and King County.		2021-2023
E.2.3	<b>Equitable access to energy programs.</b> Improve access to energy efficiency programs for low-income and historically underserved and underrepresented populations.	Education/ Outreach	CD PARKS	 Started	Providing targeted incentives for heat pumps for low income residents in affordable housing properties in Bellevue and in single-family homes. Partnering with KCHA Weatherization and Imagine Housing, to facilitate energy efficiency projects in Imagine Housing properties on the Eastside. Also partnering with the Bellevue Human Services Home Repair Loan program to leverage CDBG funding for heat pumps, for low income residents.	Identifying opportunities to provide assistance to Bellevue residents in accessing the Inflation Reduction Act tax credits and incentives.	2021-2023
E.2.4	<b>Building electrification training.</b> Develop an education and outreach program for contractors and homeowners on the benefits of building electrification, in partnership with green building organizations, other cities, or the K4C.	Education/ Outreach	CD	 Not started		Will seek opportunities for an Eastside or regional training, in partnership with other K4C cities and/or Eastside cities.	2022-2024
E.2.5	<b>Evaluate additional energy efficiency strategies.</b> Evaluate additional strategies to support increased energy efficiency and conservation in commercial, multi-family, and single-family buildings.	Analysis / Planning	CD	 Not started		Continuing to monitor updates to the WA state building and energy code for residential and commercial buildings, along with new federal and state incentives for energy efficiency.	2023
<b>Strategy E.3. Support renewable energy.</b>							
E.3.1	<b>Solar-readiness.</b> Encourage solar-readiness for new construction not required to do so through the Washington State Energy code, to future proof new buildings.	Policy/Code	DS	 Not started			2021
E.3.2	<b>Solarize campaign.</b> Identify key partners and facilitate a Solarize Campaign to support group installations of onsite solar.	Program	CD	 Started	Currently designing a Heat Pump campaign, in collaboration with other Eastside cities, which will use a model similar to the Solarize group purchase campaign model. Will consider a Solarize campaign after the Heat Pump campaign, as a possible next step.		2021-2023

#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
E.3.3	<b>Community solar.</b> Support opportunities for community solar in Bellevue by identifying potential sites and funding opportunities.	Planning	CD	 Ongoing	In the first round of PSE's Community Solar program, City staff worked with PSE to attempt to site community solar on two city facilities, but were unsuccessful due to space constraints on the buildings. Currently evaluating several additional sites with PSE as part of the second round of the program.		Ongoing
E.3.4	<b>Clean Energy Transformation Act (CETA).</b> Support the implementation of the Washington State Clean Energy Transformation Act, to achieve 100% renewable energy by 2045.	Policy	CMO	 Ongoing			Ongoing






#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
Strategy W.1 Increase community recycling and composting of waste							
W.1.1	<b>Recycling education and outreach.</b> Provide waste reduction, recycling and composting education and outreach targeted at multi-family and commercial buildings, to help improve the citywide recycling rate.	Education/ Outreach	UTIL	 Ongoing	Finalized customer and business intercept surveys, and prepared Eastside Business Learning and Networking Event, as part of Regional Waste Reduction Campaign encouraging commercial businesses to replace single-use disposals with durable reusable materials. Continued technical assistance to both multifamily properties and commercial businesses to reduce contamination and	Work with regional team to complete intercept surveys, conduct business learning event, and launch eastside business waste reduction media campaign. Expand upon hotel and special event food-service waste reduction partnerships.	Ongoing
W.1.2	<b>Recycling space requirements.</b> Consider updates to space and access code requirements for recycling services in multifamily, commercial, and mixed-use buildings, to ensure new buildings have adequate space for three waste streams.	Policy	UTIL DS	 Not started	Continued tracking legislative and regional actions toward this goal to better inform Bellevue's approach in 2023-2024.	King County and City of Redmond currently working on similar goal and the County may propose code language for city's to utilize. Continue to track and learn about obstacles and opportunities from these existing efforts.	2023-2024
W.1.3	<b>Food waste prevention.</b> Encourage food donation and food waste prevention.	Education / Outreach	UTIL	 Ongoing	Surveyed local food collection and distribution organizations to research obstacles and opportunities in expanding business food donation partnerships within Bellevue. Obtained list of all Bellevue food-service businesses from Public Health to evaluate for food waste prevention opportunities. Included home food waste prevention techniques in community workshops and	Continue to identify and encourage additional food donation and food waste prevention opportunities with local businesses and residents.	2021









#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
<b>Strategy W.2. Reduce community waste generation.</b>							
W.2.1	<b>Single-use plastics ban.</b> Explore a prohibition on single-use plastics such as polystyrene to reduce waste and litter and conduct outreach and technical assistance to support implementation.	Policy / Education/ Outreach	UTIL	 Complete	Continued promotion and support of statewide plastics law and plastic bag ban. Worked with regional partners to obtain consultant contract to begin Regional Waste Reduction Campaign in partnership with Cities of Kirkland, Redmond and Bothell which will include a media campaign, as well as mini grants and rebates for commercial businesses to replace single-use disposals with durable reusable materials.		2023
W.2.2	<b>Waste study.</b> Utilize regional waste characterization studies for multi-family and commercial buildings, to better focus education and outreach.	Analysis	UTIL	 Complete	Continued focus on food waste recovery and reduction, as well as reduction of single-use plastics based on regional and State waste characterization study findings.		2023
W.2.3	<b>Assess strategies.</b> Analyze additional or updated strategies for achieving the short-term recycling and long-term zero waste goals.	Analysis / Planning	UTIL	 Started	City solid waste team attended ongoing presentations on zero waste strategies being done statewide and regionally, held a series of planning meetings and began identifying additional and updated strategies for 2023-2024 biennium.		2023-2024
<b>Strategy W.3. Increase recycling of construction and demolition (C&amp;D) waste.</b>							
W.3.1	<b>Construction and demolition waste recycling.</b> Explore strategies to ensure that Bellevue-based job sites recycle certain types of construction and demolition debris prohibited from disposal by county ordinance, such as clean wood, cardboard, metal, gypsum scrap (new), and asphalt paving, bricks, and concrete, to reduce waste and minimize impacts of construction.	Policy / Education/ Outreach	UTIL DS	 Started	Utilities staff continued to participate in regional construction and demolition meetings to assess potential opportunities to improve in this sector.		2021-2023
<b>Strategy N.1. Increase tree canopy citywide.</b>							
N.1.1	<b>Tree preservation code.</b> Introduce requirements for tree preservation to further support the achievement of the 40% tree canopy goal.	Policy	DS	 Started	On June 6, 2022, Council directed staff to develop a Landmark Tree Permit requirement, as an interim step before the tree regulation update is complete. Tree regulation update work is planned to launch in Q3 2022.		2021-2023
N.1.2	<b>Tree planting.</b> Develop a program to incentivize residents and large property owners to plant the right tree in the right place and sustain existing trees, with reduced cost or free trees.	Program	CD	 Ongoing	Planning for the next Trees for Bellevue Tree Giveaway, which will be organized in conjunction with the Arbor Day event and celebration in October.		2021-2022
N.1.3	<b>Urban forester resource.</b> Explore the need for a city arborist or urban forester resource for permit review, enforcement, code update, strategic planning, and education and outreach.	Staff	CD	 Started			2021















#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
N.1.4	<b>Public property tree planting.</b> Identify locations on public property for increasing tree canopy, such as in the right-of-way or other areas, and develop a plan and funding strategy for planting and maintenance.	Planning	CD TRANS PARKS	 <b>Started</b>			2021-2025
N.1.5	<b>Tree Ambassadors.</b> Launch a Tree Ambassadors program to provide education and outreach around the value and benefits of trees.	Education/ Outreach	CD	 <b>Ongoing</b>			2020
N.1.6	<b>Tree canopy assessments and tracking.</b> Continue to assess the city's tree canopy and identify other opportunities for tracking tree data, such as during permitting.	Analysis	DS	 <b>Started</b>	Forest Health Assessment is now complete and Parks is working to implement.		2021-2023
<b>Strategy N.2. Improve ecological conditions for forests, streams, wetlands, and wildlife.</b>							
N.2.1	<b>Improve stream health.</b> Through the Watershed Management Plan, assess current stream health conditions and develop a plan for improving stream health, including watershed-specific recommendations which could include capital projects, enhanced maintenance/operational changes, and policy recommendations.	Planning / Policy	UTIL	 <b>Started</b>	Completed Watershed Assessment Reports for 4 watersheds. Assigned management strategies to all 19 sub-basins. Scoping second phase of public engagement.		2020-2023
<b>Strategy N.3. Improve natural stormwater retention systems and reduce water pollution.</b>							
N.3.1	<b>Stormwater retrofit.</b> Identify stormwater retrofit or enhancement opportunities and develop an implementation plan to support the expansion of green stormwater infrastructure.	Analysis / Planning	UTIL TRNSP PARKS CD	 <b>Started</b>	164th Ave NE LID SW project 90% complete. Anticipate construction in 2022/2023.	Identify opportunities to update policies for BelRed, to help advance stormwater and natural environment goals.	2022
<b>Strategy N.4. Support preservation and access to green and open spaces.</b>							
N.4.1	<b>Multiple environmental benefits for open space preservation.</b> Identify and acquire sites whose preservation as open space could incorporate additional environmental benefits, such as stormwater management, flooding mitigation, or enhancement of tree canopy.	Planning / Policy / Capital	PARKS CD	 <b>Ongoing</b>	Parks continues to investigate acquisition options. No updates in Q3.		2022-2035
N.4.2	<b>Funding strategy to achieve open space goals.</b> Consider strengthened code requirements, land use incentives, or fees on new development to expand the park system and increase walkable access to parks and trails.	Analysis	CD DSD PARKS	 <b>Started</b>	A parks levy initiative was moved forward by Council and is on the November 2022 ballot. If passed, it would provide funds for a variety of projects related to Parks & Open Space System Plan priorities, including trails/access enhancement and maintenance. Ongoing research into options for impact fees.		2022-2023
N.4.3	<b>Plan for walkable access to parks.</b> Continue to plan for achieving the walkable access to parks, open space, and trailheads goal as part of the next update to the Parks & Open Space System Plan.	Planning / Capital	PARKS	 <b>Started</b>	2022 Parks & Open Space System Plan is now adopted (July 2022). Mapping of system access gaps was included. Ongoing implementation to expand access across the system.		2022-2023

## Municipal Operations

#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
<b>Strategy M.C.1. Mitigate emissions and promote sustainability across all operations.</b>							
M.C.1.1	<b>Implementation - monitor and report.</b> Report on progress towards Environmental Stewardship goals.	Planning / Reporting	ESI / RCM	 Ongoing	Updated Environmental Performance Dashboard with 2021 key performance indicators. Onboarding to Puget Sound Energy's EnergyCAP data management software to improve energy benchmarking data. Recruiting an intern to assist with greenhouse gas emissions inventories.	Complete transition to EnergyCAP software and hire an intern to assist with greenhouse gas emissions inventories.	2021-2022
M.C.1.2	<b>Sustainable operations training.</b> Incorporate sustainability commitments into city staff trainings.	Policy / Planning / Training	RCM / HR	 Ongoing	Met with building engineers to review energy management and fault detection tool to improve energy efficiency at City Hall. Planning to expand tool to include the Bellevue Service Center.	Meet with HR to review employee onboarding content and incorporate sustainability targets into materials.	2021 – 2022
M.C.1.3	<b>Implementation - stewardship team.</b> Form an interdepartmental "Stewardship Team" to oversee the implementation of the plan.	Planning / Training	ESI / RCM	 Ongoing	Hosting monthly Environmental Stewardship meetings with the Core Team and Oversight Committee to discuss project updates, challenges, and report on progress towards targets.	Recruit new Core Team members and/or create sub-teams to work on specific actions related to municipal operations.	2021-2022
M.C.1.4	<b>Sustainable projects training.</b> Develop sustainability training opportunities for city employees working on capital projects and pilot a sustainability rating system for an infrastructure project.	Planning / Training / Capital	ESI / RCM	 Started	Developed curriculum and agendas with the Institute for Sustainable Infrastructure to deploy internally for city staff.	Plan in-person sustainability trainings for city staff.	2021-2024
<b>Strategy M.M.1. Expand municipal mobility options.</b>							
M.M.1.1	<b>Green employee commutes.</b> Reduce the drive alone rate for city employees through incentives and by improving commute options by site location.	Policy / Planning / Capital	RCM / FAM	 Ongoing	Drafting Electric Vehicle Charging Guidelines for city employees and updating signage to reflect new policies.	Amend Parking Policies to include the Charging Guidelines and promote use of electric vehicle charging stations	2021 – 2022

#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
<b>Strategy M.M.2. Convert and replace city vehicles and equipment to electric and other low-carbon fuels.</b>							
M.M.2.1	<b>Green fleet strategy.</b> Develop long-term plan and policies for purchasing electric vehicles and installing charging infrastructure at city-owned facilities.	Policy / Planning / Capital	RCM / FAM	 <b>Started</b>	Preliminary budget includes electric vehicle charging infrastructure required for City Hall and the Bellevue Service Center (BSC). Conducting audits of existing electrical capacity and distribution network at BSC.	Complete audit of Bellevue Service Center and present scope of work to Council to set up construction contracts.	2021 – 2022
M.M.2.2	<b>Reduce fuel use.</b> Pilot fuel reduction technology on fleet vehicles and equipment.	Policy / Planning / Capital	RCM / FAM	 <b>Started</b>	Replaced gas-powered equipment (i.e. leaf blowers, chain saws, etc.) with electric-powered equipment.	Continue to pilot electric options for equipment and identify new opportunities to improve efficiency.	2021 – 2022
<b>Strategy M.E.1. Improve performance of municipal buildings and sites.</b>							
M.E.1.1	<b>Conduct building tune-ups.</b> Conduct building tune-ups and implement efficiency measures at city-owned buildings.	Planning / Capital	RCM FAM PARKS	 <b>Started</b>	Measure energy use intensity and prioritize energy audits for city-owned buildings based on Puget Sound Energy (PSE) EnergyCAP data management software (see M.C.1.1). Coordinating with PSE Commercial Strategic Energy Management (CSEM) program to conduct on-site audits to identify opportunities to secure energy rebates. Collecting additional energy data required to apply for the next round of WA State Dept of Commerce energy efficiency grant for the Bellevue Service Center.	Re-evaluate city-owned buildings to confirm compliance or determine non-compliance with the energy use intensity standard under the WA State Clean Buildings Act.	2023 - 2025
M.E.1.2	<b>Improve lighting efficiency.</b> Upgrade indoor and outdoor lighting to efficient technology.	Planning / Capital	RCM FAM PARKS	 <b>Started</b>	Completed lighting efficiency upgrades at Bellevue Service Center. Designing lighting efficiency projects at Fire Stations to include red lighting to preserve night vision for Firefighters. Preliminary budget includes lighting efficiency projects for City Hall.	Confirm lighting specifications for Fire Station lighting efficiency projects and schedule installations.	2021 - 2024
M.E.1.3	<b>Improve plug-load efficiency.</b> Manage plug loads efficiently and reduce peak demand.	Planning / Capital	RCM FAM PARKS	 <b>Started</b>	Recruiting an intern to oversee plug load management pilot and track resulting energy savings as part of the greenhouse gas emissions internship (see M.C.1.1).	Hire an intern and contract with plug load management devices and software.	2023-2024
M.E.1.4	<b>Green building performance standards.</b> Meet green building performance standards for new and existing city-owned buildings.	Policy / Analysis	RCM FAM PARKS	 <b>Started</b>	Pursuing U.S. Green Building certification through Leadership in Energy and Environmental Design (LEED) Building Design and Construction for Fire Station 5 and 10. Benchmarked city-owned buildings against the WA State Clean Buildings Standard to comply with the energy use intensity (EUI) targets.	Configure building energy use in EnergyCAP software so that existing buildings can be benchmarked in Leadership in Energy and Environmental Design (LEED) Performance Score.	2021 - 2023
M.E.1.5	<b>Enhance indoor air quality.</b> Enhance indoor air quality in city-owned buildings.	Policy / Analysis	RCM FAM PARKS	 <b>Started</b>	Configure energy management system to monitor indoor air quality at City Hall.	Incorporate indoor air quality monitoring into energy management meetings.	2023-2024
M.E.1.6	<b>Support renewable energy.</b> Use local renewable energy for city operations.	Policy / Analysis	RCM FAM PARKS	 <b>Started</b>	Preliminary budget includes the installation of solar rooftop panels at City Hall and expansion of solar rooftop panels at Bellevue Service Center.	Contract with renewable energy company to install solar rooftop panels at City Hall and Bellevue Service Center.	2021 - 2022

#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
M.E.1.7	<b>Upgrade building envelope in city-owned buildings.</b> Identify opportunities for improving efficiency of buildings with building envelope upgrades.	Analysis / Planning / Capital	RCM FAM PARKS	 <b>Started</b>	Replacing building envelopes at Fire Stations 1 and 3 and replacing the roof at Fire Station 6.	Construction expected to continue through Q2 2023.	2023 - 2025
M.E.1.8	<b>Building retrofits and electrification.</b> Plan for deep energy retrofits and building electrification of city-owned facilities.	Analysis / Planning / Capital	FAM	 <b>Started</b>	Preliminary budget includes building tune-ups for the Bellevue Service Center. An Investment Grade Audit is underway to measure energy end-uses and develop efficiency projects.	Complete Investment Grade Audit and confirm energy savings from building tune-up projects. Contract with Energy Services Company to conduct building tune-ups and efficiency projects.	2023-2025
<b>Strategy M.W.1. Improve green purchasing practices and sustainable materials management in city operations.</b>							
M.W.1.1	<b>Green, local procurement.</b> Implement the Environmentally Preferable Purchasing Policy across city operations.	Policy / Planning / Training	RCM FAM UTIL	 <b>Ongoing</b>	Increased access and visibility of the Environmentally Preferable Purchasing Policy on the city's intranet. Expanding policy to include sustainable air travel options.	Revise Environmentally Preferable Purchasing Policy to include new and upcoming opportunities to improve sustainability through purchasing policies.	2021 – 2022
M.W.1.2	<b>Reduce operational waste.</b> Identify waste streams generated in city operations and plan to divert materials from landfills.	Policy / Planning / Training	RCM FAM UTIL	 <b>Ongoing</b>	Working on scope of work to hire contractor to implement recycling and composting best practices at City Hall and Bellevue Service Center.	Hire contractor to implement recycling and composting best practices at City Hall and Bellevue Service Center.	2021-2025

#	Action	Action Type	Lead	Status	Q3 2022 Progress Update	Next Steps	Timeframe (from ESP)
M.W.13	<b>Support vendor stewardship.</b> Develop vendor stewardship programs or partnerships for ongoing or bulk purchases.	Policy / Planning / Training	RCM FAM UTIL	 Ongoing	Delegate vendor stewardship programs and partnerships to purchasing departments.	Research partnerships and procurement opportunities to work with vendors that offer product-specific recycling and/or "take-back" programs.	2023-2024
M.W.14	<b>Divert construction &amp; demolition waste.</b> Divert construction and demolition waste streams from landfills for capital projects.	Policy / Planning	RCM FAM UTIL TRANS	 Ongoing	Achieved a 91% diversion rate during site demolition for Fire Station 10. Targeting a 75% diversion rate for demolition of Fire Station 5.	Continue to monitor construction and demolition waste through the duration of the project.	2021 – 2022
<b>Strategy M.N.1. Promote sustainable landscaping and protect and conserve natural resources in city operations.</b>							
M.N.11	<b>Increase landscaping benefits.</b> Improve functionality of landscaped areas on city-owned property.	Planning / Capital	RCM FAM PARKS	 Ongoing	All Natural Resource visitor center landscapes are certified backyard wildlife habitats by the National Wildlife Federation.	Continued use of native plants when applicable.	2021-2022
M.N.12	<b>Improve operational water efficiency.</b> Install water-efficient plumbing fixtures in city-owned buildings.	Planning / Capital	RCM FAM PARKS	 Ongoing	Installing smart water meters at city-owned buildings to detect leaks more quickly and improve billing accuracy.		2021-2022
M.N.13	<b>Reduce pesticide and fertilizer impacts.</b> Explore alternatives to reduce pesticide and fertilizer use and impacts on city-owned property while maintaining service levels.	Planning / Capital	RCM FAM PARKS	 Started	Updated the Environmental Best Management Practices and Design Standards Manual which includes Integrated Pest Management guidance for city-owned properties.	Continue to adhere to the Integrated Pest Management plan that manages pests in a way that protects human health, the surrounding environment and improves economic returns through the most effective, least-risk option.	2021-2022
M.N.14	<b>Sustainable landscaping certifications.</b> Pilot third-party sustainability certification for landscaped areas where effective.	Planning / Capital	RCM FAM PARKS	 Started	Completed the pre-assessment review is complete and planning for the full site assessment once a general contractor has been selected.	Continue to adhere to Salmon Safe practices during the construction of Fire Station 10 to achieve certification.	2022-2023
M.N.15	<b>Tree preservation.</b> Develop requirements for tree preservation and replacement for capital projects.	Planning / Capital	CD TRANS UTIL PARKS	 Not started	This will be considered in the scoping for the tree regulation update, anticipated to be launched by Council in Q3 2022.		2023-2024
M.N.16	<b>Tree restoration.</b> Perform an urban forest health assessment for the tree canopy on public property. Develop a long-term forest restoration plan to ensure the health of the urban forest.	Planning / Capital	PARKS	 Ongoing	Reviewing FLAT maps and ground truthing to start developing forest enhancement plans for 2023.	Implement FLAT on 2023 enhancement plans.	2021-2022