














Sustainable Bellevue: 2021 - 2025 Environmental Stewardship Plan








Summary of Implementation Progress



June 2023









Status	# of Actions	Description	% of Total
 Started	29	Work has started / implementation is partially complete	37%
 Ongoing	33	Work has been incorporated into ongoing operations	42%
 Complete	5	Work has been completed	6%
 Not started	11	Work has not yet begun	14%
 Barrier	0	Need to re-strategize approach. There is a barrier to implementing the action.	0%
Total	78		100%


#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy C.1. Mitigate emissions and plan for the long-term impacts of climate change.							
C.1.1	Climate vulnerability assessment. 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	 Started	50%	Release the Climate Vulnerability Assessment results in the Draft Environmental Impact Statement for the Comprehensive Plan Periodic Update, to help inform the analysis of land use alternatives and policy development as part of the plan update.	2021-2022
C.1.2	King County Cities Climate Collaboration (K4C). Continue participating in the King County Cities Climate Collaboration to support the achievement of the countywide K4C goals.	Policy / Staff	CD	 Ongoing	N/A	Ongoing participation in the K4C. C Collaborating with K4C cities and other regional partners in pursuit of the EPA Climate Pollution Reduction Planning Grant for the Seattle / Tacoma / Bellevue MSA.	Ongoing
C.1.3	State advocacy. Advocate for state-level policies and funding that support the achievement of the plan goals.	Policy	CMO	 Ongoing	N/A	Awarded a \$1M WA State Dept of Commerce Clean Energy Fund Building Electrification grant for the Energy Smart Eastside program, for the five participating cities.	Ongoing
C.1.4	Climate equity. Prioritize climate mitigation and adaptation investments in historically underserved and underrepresented communities.	Planning / Capital	CD	 Ongoing	N/A	Using an equity lens for the development of all new Environmental Stewardship Initiative programs and policies. Utilizing the Justice40 tools for federal grants and the WA State Health Disparities Map to identify overburdened populations for targeted grant investments.	2021
C.1.5	Environmental equity assessment. 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	 Started	25%	The Draft Environmental Impact Statement (EIS) for the Comprehensive Plan evaluates the impacts of growth and development in Bellevue with an equity lens, and takes 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.	2021-2022
C.1.6	Air quality. Pilot air quality monitoring sensors and incorporate air quality considerations into planning for major rezonings.	Capital & Partnerships	CD TRNSP	 Started	50%	Completed the Air Quality and Land Use Planning report, summarizing the research and best practice guidance around siting sensitive uses near freeways. Monitoring opportunities to direct increased state air quality monitoring funding investments to Bellevue.	2021-2022







#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
C.1.7	Climate outreach and education. Develop a climate outreach and education campaign or program to support ongoing community engagement.	Education/ Outreach	CD	 Ongoing	N/A	Held a Sustainable Bellevue Townhall on March 29th, providing an update on 2022 accomplishments, the 2023 ESI Workplan, along with an overview of the Tree Code update and the Comp Plan update.	2021-2025
C.1.8	Functional plan in Comprehensive Plan. Update the Comprehensive Plan to reflect that the Environmental Stewardship Plan is a functional plan.	Policy / Planning	CD	 Started	N/A	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.	2021-2025




#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy M.1. Sustainable land use.							
M.1.1	Sustainable district. 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	 Started	N/A	Supporting two sustainable district initiatives, for downtown and Wilburton. 1. The Bellevue 2030 District was announced in April and will officially launch in June. This District will provide commercial property owners and managers with support for energy efficiency and other sustainability projects. 2. Beginning the process to evaluate the potential of a sustainability district for Wilburton.	2022-2023
M.1.2	Using the 15-Minute City concept, promote and advance essential components of livability. 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	N/A	The goal for walkable neighborhoods with easy access to amenities was included in the Neighborhood Area Plans for East and West Bellevue and is being incorporated into the Comprehensive Plan update.	2022-2024
M.1.3.	Consider climate and sustainability in land use and neighborhood planning. Address environmental stewardship in all land use projects and neighborhood planning and services.	Planning / Policy	CD DSD	 Ongoing	N/A	The Comp Plan Draft EIS includes climate and sustainability as considerations in the evaluation of the different land use alternatives.	2021-2025
M.1.4	Growth corridor parking review. 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	N/A	2024
Strategy M.2. Expand mobility options.							
M.2.1	Mobility Implementation Plan. 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	100%	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	Transportation impact fees. 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	0%	N/A	2022-2023
M.2.3	Curbside Management Plan. 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	75%	Draft Curbside Management Plan (CMP) released in April, which includes a Curbside Practices Guide section with recommendations to improve curbside tree canopy, placemaking, and EV charging infrastructure. The Transportation Commission will review the CMP in May and June, and the plan is anticipated to be reviewed by Council in the summer.	2021-2023




#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
M.2.4	Accelerate implementation of the Pedestrian and Bicycle Transportation Plan. 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	TRNSP	 Ongoing	N/A	In the six years since voter approval of the transportation levy in 2016 we've implemented 59 miles of new bicycle infrastructure; compared to just 17 miles in the prior six years. The Bike Bellevue initiative launched in 2023, building on the City's previous pedestrian bike infrastructure efforts, to implement bicycle network improvements in the city's urban core, including downtown, Wilburton, and BelRed.	2021-2025
M.2.5	Commuter Trip Reduction. Continue the Commuter 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	TRNSP	 Ongoing	N/A	Ongoing program, to support residents and businesses in identifying commuting alternatives to driving alone.	Ongoing





#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy M.3. Convert and replace vehicles and equipment to electric and other low-carbon fuels.							
M.3.1	EV readiness. 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	N/A	N/A	2021-2022
M.3.2	EV infrastructure Increase EV charging infrastructure through partnerships, incentives, and targeted investments.	Capital / Policy & Partnerships	CD	 Started	N/A	Hiring for additional staff capacity to lead and coordinate the City's EV charging infrastructure planning and implementation efforts.	2022
M.3.3	Electrify heavy duty vehicles. Partner with local organizations to identify funding sources and opportunities to electrify buses and heavy duty vehicles.	Planning	CD	 Not started	N/A	N/A	2021-2025
M.3.4	Clean Fuel Standard. Support a regional or statewide Clean Fuel Standard to reduce emissions from transportation fuels and support funding for clean fuels.	Policy	CMO	 Complete	100%	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.	2021-2025
Strategy E.1. Improve performance of new construction.							
E.1.1	Streamlined permitting. 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	N/A	N/A Focusing on developing program for expedited permitting for affordable housing properties.	2021-2023
E.1.2	Advanced green building pilot program. 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	N/A	N/A	2022-2025
E.1.3	Green building incentives. 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	N/A	N/A	2021-2023
E.1.4	Green affordable housing. 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	 Started	5%	Secured additional budget funding for advancing green affordable housing in the 2023-2024 budget. Working with KCHA and Imagine Housing to weatherize Andrews Heights multi-family affordable housing property.	2021-2023









#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
E.1.5	State building code improvements. Support ongoing energy efficiency and green building improvements to the Washington State Energy code.	Policy	DSD	 Ongoing	N/A	In April 2022, the WA State Building Code Council adopted the new statewide commercial and multifamily building energy code which will require high-efficiency heat pumps for water and space heating, banning natural gas use for space and water heating in new construction after July 2023. In November 2022, the SBCC voted to require heat pumps for space and water heating in new residential home construction, and to improve ventilation requirements for new homes with gas ranges.	Ongoing




#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy E.2. Engage the community on best practices for energy conservation.							
E.2.1	Commercial energy efficiency. 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	 Ongoing	N/A	Enrolled 174 buildings in the program and completed 105 energy benchmarks with another 69 in progress. To date, completed scoping assessments for six buildings, with another 13 in progress, and will support 12 buildings with applying for Early Adopter incentives from the WA Dept of Commerce.	2021-2024
E.2.2	Home energy retrofit program. Develop a home energy retrofit program to support retrofits and incentivize energy efficiency.	Incentive	CD	 Ongoing	N/A	Awarded a \$1M grant from the WA State Department of Commerce to support the Energy Smart Eastside program, for additional heat pump installations, along with opportunities to expand the program to include heat pump water heaters and workforce development training. Hiring for a new staff position to manage this program on behalf of the Eastside cities.	2021-2023
E.2.3	Equitable access to energy programs. Improve access to energy efficiency programs for low-income and historically underserved and underrepresented populations.	Education/ Outreach	CD PARKS	 Started	N/A	Designing incentives and outreach strategy for low and moderate income Bellevue residents to install energy efficient heat pumps.	2021-2023
E.2.4	Building electrification training. 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	 Started	5%	Awarded a Department of Commerce Building Electrification grant to support the Energy Smart Eastside program, and included in the proposal funding for workforce development and contractor training. Working with Energy Smart Eastside heat pump distributor partner Gensco on strategies for training contractors to promote electric heat pumps and not dual-fuel heat pumps.	2022-2024
E.2.5	Evaluate additional energy efficiency strategies. Evaluate additional strategies to support increased energy efficiency and conservation in commercial, multi-family, and single-family buildings.	Analysis / Planning	CD	 Not started	0%	N/A	2023
Strategy E.3. Support renewable energy.							
E.3.1	Solar-readiness. 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	N/A	2021 WA State Building Code includes optional appendices with solar readiness requirements for multi-family and single-family residential buildings.	2021

#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
E.3.2	Solarize campaign. Identify key partners and facilitate a Solarize Campaign to support group installations of onsite solar.	Program	CD	 Not started	N/A	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
E.3.3	Community solar. Support opportunities for community solar in Bellevue by identifying potential sites and funding opportunities.	Planning	CD	 Ongoing	N/A	Will continue to seek opportunities for community solar on city owned and private properties.	Ongoing
E.3.4	Clean Energy Transformation Act (CETA). Support the implementation of the Washington State Clean Energy Transformation Act, to achieve 100% renewable energy by 2045.	Policy	CMO	 Ongoing	N/A	Monitoring implementation progress.	Ongoing




#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy W.1 Increase community recycling and composting of waste							
W.1.1	Recycling education and outreach. 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	N/A	Continued technical assistance to multifamily and commercial properties to increase composting and recycling, and reduce contamination. Assisted 12 multifamily properties and 16 businesses in Q1. Launched regional waste reduction campaign, will report outcomes in Q2-3.	Ongoing
W.1.2	Recycling space requirements. 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	0%	Continued tracking legislative and regional actions toward this goal to better inform Bellevue's approach in 2023-2024.	2023-2024
W.1.3	Food waste prevention. Encourage food donation and food waste prevention.	Education / Outreach	UTIL	 Ongoing	N/A	Continued to identify and encourage additional food donation and food waste prevention opportunities with local businesses and residents. Working with WA State Dept of Ecology on implementation of statewide Organics Management Law.	2021






#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy W.2. Reduce community waste generation.							
W.2.1	Single-use plastics ban. 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	100%	Ordered reusable water bottle refilling stations to replace drinking fountains in five high-traffic community locations - installations and promotion occurring in Q2. Launched Bring-Your-Own-Cup (BYOC) regional campaign to reduce single-use coffee cups in partnership with residents and local coffee shops. Campaign runs through May 2023. Continued partnering with all Bellevue schools on eliminating single-use plastic in school cafeterias - ongoing use of metal and compostable food serviceware continues! Offered <i>Plastics: Problems and Possibilities</i> educational classes for residents.	2023
W.2.2	Waste study. Utilize regional waste characterization studies for multi-family and commercial buildings, to better focus education and outreach.	Analysis	UTIL	 Complete	100%	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	Assess strategies. Analyze additional or updated strategies for achieving the short-term recycling and long-term zero waste goals.	Analysis / Planning	UTIL	 Complete	100%	Shifting to prioritize waste reduction and reuse strategies in 2023-2024, in addition to recycling and composting. Also shifting to further align and assist with King County RE+ Plan and implementation of emerging WA State solid waste laws.	2023-2024
Strategy W.3. Increase recycling of construction and demolition (C&D) waste.							
W.3.1	Construction and demolition waste recycling. 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	20%	2021 WA State Residential Building Code includes an optional Appendix. Met with Earthwise about new C&D project nearby and input on improving C&D practices in Bellevue. Utilities staff continued to participate in regional construction and demolition meetings to assess potential opportunities to improve in this sector.	2021-2023
Strategy N.1. Increase tree canopy citywide.							








#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
N.1.1	Tree preservation code. Introduce requirements for tree preservation to further support the achievement of the 40% tree canopy goal.	Policy	DS	 Started	15%	Launched Tree Code Update in November 2022. Staff are scoping the code update and developing an outreach and engagement process.	2021-2023
N.1.2	Tree planting. 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	N/A	In October and November 2022, 995 trees were distributed to residents and organizations during the Trees for Bellevue Giveaway.	2021-2022
N.1.3	Urban forester resource. 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	N/A	Created an AmeriCorps Urban Forestry Specialist position to support outreach and education. As part of the Tree Code Update, will evaluate need for additional urban forestry capacity to support the updated code implementation.	2021
N.1.4	Public property tree planting. 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	 Started	N/A	Ongoing process to maximize the number of trees planted in all city capital projects.	2021-2025
N.1.5	Tree Ambassadors. Launch a Tree Ambassadors program to provide education and outreach around the value and benefits of trees.	Education/ Outreach	CD	 Ongoing	N/A	Launched the 2023 Tree Ambassadors program with 15 volunteers.	2020
N.1.6	Tree canopy assessments and tracking. Continue to assess the city's tree canopy and identify other opportunities for tracking tree data, such as during permitting.	Analysis	DS	 Ongoing	N/A	Completed a tree canopy assessment for 2011 and 2019 using a new methodology and tool from PlanIT Geo. 2021 Tree Canopy Assessment will be released in mid-2023. https://pg-cloud.com/bellevuewa/	2021-2023
Strategy N.2. Improve ecological conditions for forests, streams, wetlands, and wildlife.							
N.2.1	Improve stream health. 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	 Ongoing	50%	Completed Watershed Improvement Plans, with best practice strategies.	2020-2023
Strategy N.3. Improve natural stormwater retention systems and reduce water pollution.							
N.3.1	Stormwater retrofit. 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	 Started	N/A	Identify opportunities to update policies for BelRed, to help advance stormwater and natural environment goals.	2022









#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy N.4. Support preservation and access to green and open spaces.							
N.4.1	Multiple environmental benefits for open space preservation. 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	 Ongoing	N/A	Continue to identify properties and seek appropriate funding sources to leverage city funds. Review Comprehensive Plan policies to identify any related policies to consider for amendments to support this action.	2022-2035
N.4.2	Funding strategy to achieve open space goals. 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	 Started	N/A	A 9-year parks levy was approved by voters in November 2022. It will provide funding for land acquisition, trail enhancement, and other space goals.	2022-2023
N.4.3	Plan for walkable access to parks. 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	 Ongoing	N/A	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. The aforementioned acquisition in Cougar Mountain may allow for a walking path connecting a large condominium development to other parkland in the future. These residents currently do not have walkable access to a park or trail within walking distance.	2022-2023

Municipal Operations

#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy M.C.1. Mitigate emissions and promote sustainability across all operations.							
M.C.1.1	Implementation - monitor and report. Report on progress towards Environmental Stewardship goals.	Planning / Reporting	ESI / RCM	 Ongoing	N/A	Migrating web services platform for the Environmental Performance Dashboard to the new server. Transitioning to Puget Sound Energy's EnergyCAP data management software and assigning meters by building and department. Preparing to updated greenhouse gas emissions inventories for 2022.	2021-2022
M.C.1.2	Sustainable operations training. Incorporate sustainability commitments into city staff trainings.	Policy / Planning / Training	RCM HR	 Ongoing	N/A	Trained building engineers on updated building automation system after the HVAC replacement project was completed at Fire Station 2.	2021 – 2022
M.C.1.3	Implementation - stewardship team. Form an interdepartmental "Stewardship Team" to oversee the implementation of the plan.	Planning / Training	ESI / RCM	 Ongoing	N/A	Hosting monthly Environmental Stewardship meetings with the Core Team and Oversight Committee to discuss project updates, challenges, and report on progress towards targets.	2021-2022
M.C.1.4	Sustainable projects training. 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	10%	Plan in-person sustainability trainings for city staff.	2021-2024
Strategy M.M.1. Expand municipal mobility options.							
M.M.1.1	Green employee commutes. Reduce the drive alone rate for city employees through incentives and by improving commute options by site location.	Policy / Planning / Capital	RCM / FAM	 Ongoing	N/A	Amend city employee parking policies to include electric vehicle charging guidelines.	2021 – 2022

#	Action	Action Type	Lead	Status	% Complete	Q1 2023 Progress Update	Timeframe (from ESP)
Strategy M.M.2. Convert and replace city vehicles and equipment to electric and other low-carbon fuels.							
M.M.2.1	Green fleet strategy. Develop long-term plan and policies for purchasing electric vehicles and installing charging infrastructure at city-owned facilities.	Policy / Planning / Capital	RCM / FAM	 Started	75%	Conducting investment grade audit at Bellevue Service Center to evaluate electrical infrastructure required for fleet electrification and impacts to related project work (i.e. transformers, generator replacement, etc.). Awarded a \$649,000 grant from the Department of Ecology to purchase an electric fire truck.	2021 – 2022
M.M.2.2	Reduce fuel use. Pilot fuel reduction technology on fleet vehicles and equipment.	Policy / Planning / Capital	RCM / FAM	 Ongoing	N/A	Continue to pilot electric options for equipment and identify new opportunities to improve efficiency.	2021 – 2022
Strategy M.E.1. Improve performance of municipal buildings and sites.							
M.E.1.1	Conduct building tune-ups. Conduct building tune-ups and implement efficiency measures at city-owned buildings.	Planning / Capital	RCM FAM PARKS	 Ongoing	N/A	Completed investment grade audits at Bellevue Service Center and Bellevue Aquatic Center for compliance with the energy use intensity standard under the WA State Clean Buildings Act.	2023 - 2025
M.E.1.2	Improve lighting efficiency. Upgrade indoor and outdoor lighting to efficient technology.	Planning / Capital	RCM FAM PARKS	 Started	75%	Upgraded LED lighting at Bellevue Service Center reducing energy use by 61% annually. Designing fire station lighting to align with new efficiency standards.	2021 - 2024
M.E.1.3	Improve plug-load efficiency. Manage plug loads efficiently and reduce peak demand.	Planning / Capital	RCM FAM PARKS	 Started	10%	Plan to contract with plug load management devices and software.	2023-2024

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M.E.1.4	Green building performance standards. Meet green building performance standards for new and existing city-owned buildings.	Policy / Analysis	RCM FAM PARKS	 Started	10%	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	Enhance indoor air quality. Enhance indoor air quality in city-owned buildings.	Policy / Analysis	RCM FAM PARKS	 Started	10%	Incorporate indoor air quality monitoring into energy management meetings.	2023-2024
M.E.1.6	Support renewable energy. Use local renewable energy for city operations.	Policy / Analysis	RCM FAM PARKS	 Started	20%	Contract with renewable energy company to install solar rooftop panels at City Hall and Bellevue Service Center.	2021 - 2022
M.E.1.7	Upgrade building envelope in city-owned buildings. Identify opportunities for improving efficiency of buildings with building envelope upgrades.	Analysis / Planning / Capital	RCM FAM PARKS	 Started	50%	Construction expected to continue through Q2 2023.	2023 - 2025
M.E.1.8	Building retrofits and electrification. Plan for deep energy retrofits and building electrification of city-owned facilities.	Analysis / Planning / Capital	FAM	 Started	10%	Replaced HVAC system at Fire Station 2 reducing energy use by 63% annually.	2023-2025
Strategy M.W.1. Improve green purchasing practices and sustainable materials management in city operations.							
M.W.1.1	Green, local procurement. Implement the Environmentally Preferable Purchasing Policy across city operations.	Policy / Planning / Training	RCM FAM UTIL	 Ongoing	N/A	Revise Environmentally Preferable Purchasing Policy to include new and upcoming opportunities to improve sustainability through purchasing policies.	2021 – 2022
M.W.1.2	Reduce operational waste. Identify waste streams generated in city operations and plan to divert materials from landfills.	Policy / Planning / Training	RCM FAM UTIL	 Ongoing	N/A	Evaluate waste collection services at city-owned facilities to accommodate composting.	2021-2025

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M.W.1.3	Support vendor stewardship. Develop vendor stewardship programs or partnerships for ongoing or bulk purchases.	Policy / Planning / Training	RCM FAM UTIL	 Ongoing	N/A	Research partnerships and procurement opportunities to work with vendors that offer product-specific recycling and/or "take-back" programs.	2023-2024
M.W.1.4	Divert construction & demolition waste. Divert construction and demolition waste streams from landfills for capital projects.	Policy / Planning	RCM FAM UTIL TRANS	 Ongoing	N/A	Continue to monitor construction and demolition waste through the duration of Fire Station 5 and 10.	2021 – 2022
Strategy M.N.1. Promote sustainable landscaping and protect and conserve natural resources in city operations.							
M.N.1.1	Increase landscaping benefits. Improve functionality of landscaped areas on city-owned property.	Planning / Capital	RCM FAM PARKS	 Ongoing	N/A	Continued use of native plants when applicable.	Ongoing
M.N.1.2	Improve operational water efficiency. Install water-efficient plumbing fixtures in city-owned buildings.	Planning / Capital	RCM FAM PARKS	 Ongoing	N/A	Designing City Hall plaza development to conserve water and reduce energy use.	2021-2022
M.N.1.3	Reduce pesticide and fertilizer impacts. Explore alternatives to reduce pesticide and fertilizer use and impacts on city-owned property while maintaining service levels.	Planning / Capital	RCM FAM PARKS	 Started	20%	Continue to adhere to the Integrated Pest Management. STAL evaluating use of alternative pesticides to glyphosates.	Ongoing
M.N.1.4	Sustainable landscaping certifications. Pilot third-party sustainability certification for landscaped areas where effective.	Planning / Capital	RCM FAM PARKS	 Started	20%	Continue to adhere to Salmon Safe practices during the construction of Fire Station 10 to achieve certification.	2022-2023
M.N.1.5	Tree preservation. Develop requirements for tree preservation and replacement for capital projects.	Planning / Capital	CD TRANS UTIL PARKS	 Started	20%	Address tree preservation and retention in code update for city capital projects.	2023-2024
M.N.1.6	Tree restoration. 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	N/A	2022 Forest Management Performance Measurements include restoration of 12.03 acres and planting of 7,170 trees	2021-2022