























Sustainable Bellevue: 2021 - 2025 Environmental Stewardship Plan










Summary of Implementation Progress








February 2023



| Status | # of Actions | Description | % of Total |
|---|--------------|--|-------------|
|  Started | 27 | Work has started / implementation is partially complete | 35% |
|  Ongoing | 33 | Work has been incorporated into ongoing operations | 42% |
|  Complete | 5 | Work has been completed | 6% |
|  Not started | 13 | Work has not yet begun | 17% |
|  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 | Q4 2022 Progress Update | Next Steps | 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 | 15% | 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 | 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. | Ongoing participation in the K4C. | 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 | Received a grant from the Department of Commerce Growth Management Early Climate Planning program, a grant for the Energy Smart Eastside Program from the WSU Community Energy Efficiency Program, and applied for another grant from the Department of Commerce for additional funding for the Energy Smart Eastside Program. Currently monitoring the 2023 WA State Legislative Session for legislation which supports the city's environmental goals. | Preparation for upcoming grant opportunities for EV charging infrastructure and others. | 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. | Will use an equity lens in the Climate Vulnerability Assessment, to prioritize climate resiliency strategies. | 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 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 | 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. | Incorporate findings of the Air Quality and Land Use planning report in the Comprehensive Plan EIS and develop plan for piloting air quality monitoring. Engage in WA State efforts to expand air quality monitoring. | 2021-2022 |
| 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 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 | 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. | This will be included in the recommended amendments to the Comprehensive Plan. | 2021-2025 |









| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | 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 |  Not started | N/A | Beginning to gather ideas for the scope of work of this effort, to evaluate opportunities for a 2030 District and an EcoDistrict in Bellevue. Participating in a Clean Tech Alliance working group effort to support potential sewer heat recovery district energy projects. | 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 | 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. | This concept will be incorporated into the growth alternatives for 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 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. | Analyze the GHG emissions and other sustainability impacts and benefits as part of the Comprehensive Plan Environmental Impact Statement. | 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 | 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 |
| 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 Concurrency Code Adopted, Implementation Guide signed September 16, effective date October 16. | Continuing implementation of the MIP. | 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 | Will reassess after the Mobility Implementation Plan and related work is complete in late 2023. | 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 | 50% | In February 2022, the City Council directed staff to develop new and updated policies in support of a CMP. The city's Transportation Commission and Planning Commission reviewed and discussed recommendations in support of curb management throughout 2022. Final policies were approved at the Dec. 12, 2022, City Council meeting. | Anticipated Council adoption of the plan in mid-2023. | 2021-2023 |
| 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 | TRANSP |  Ongoing | N/A | Applied for federal Safe Streets for All grant for pedestrian and bicycle infrastructure. | Continuing to implement the ped-bike plan and seek additional state and federal funding. | 2021-2025 |
| M.2.5 | Commute Trip Reduction. 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 | N/A | Ongoing program, to support residents and businesses in identifying commuting alternatives to driving alone. | Ongoing program, to support residents and businesses in identifying commuting alternatives to driving alone. | Ongoing |








| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | 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 | Bellevue is monitoring the proposed amendments to the state building code. | 2021-2022 |
| M.3.2 | EV infrastructure Increase EV charging infrastructure through partnerships, incentives, and targeted investments. | Capital / Policy & Partnerships | CD |  Started | N/A | 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 | 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 | | | 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. | 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 |
| 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. | Need to re-evaluate approach given priorities for affordable housing permitting. | 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 | 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 | 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. | 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 | 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. | Evaluate next steps for supporting green building for new construction in Bellevue, given the recent updates to the WA State commercial and residential building codes. | Ongoing |

| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | 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. | Continue to promote the program to applicable buildings in Bellevue and seek to recruit more non-profit owned properties into the program. Promote new Inflation Reduction Act incentives for commercial buildings as part of program outreach and education. | 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 | 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. Council adopted the Eastside Climate Partnership Interlocal Agreement in with Redmond, Kirkland, Issaquah, and Mercer Island, to enable deeper collaboration on the Energy Smart Eastside program. Applied for a \$1M Department of Commerce grant for additional funding for the Energy Smart Eastside program. Hiring for an Energy Smart Eastside Program Manager position to manage the program. | Hire Energy Smart Eastside Program Manager. Home Electrification webinar on 3/8 with Rewiring America and other partners. Finalize grant agreement for the WSU Community Energy Efficiency Program grant. Launch outreach for market rate incentives, for residents 80-150% AMI. Continue to seek additional program funding. Report on program progress. | 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. | Identifying opportunities to provide assistance to Bellevue residents in accessing the Inflation Reduction Act tax credits and incentives. | 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 |  Not started | 0% | Applied for 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. | Will seek opportunities for an Eastside or regional training, in partnership with other K4C cities and/or Eastside cities. | 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 | 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 |
| 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 |
| 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. | Consider expanding Energy Smart Eastside to include a solar campaign. | 2021-2023 |



| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | Timeframe (from ESP) |
|-------|--|-------------|------|---|------------|-------------------------------------|---|----------------------|
| 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. | Will continue to monitor implementation progress. | Ongoing |









| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | 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 | Provided technical assistance for over 100 businesses and 35 multifamily properties in 2022 to reduce waste, recycle right and/or begin composting for the first time. Conducted outreach to special event vendors (e.g. Two Bumz shaved ice is now offering all compostable servingware at Bellevue events, UT department events and ESC meetings now use all compostable or durable serviceware, etc.) Sent every CoB Special Event Permit holder a Zero Waste Events guide and coordinated Rock and Roll Marathon to reduce waste and provide recycling/composting throughout event. Provided outreach at Bellevue Mingle event in October to build relationships with downtown businesses and residents. Collaborated with Safeway Milk Plant to increase compost collection. Identified multifamily properties with trapped or broken dumpster lids and worked with Republic Services to get them fixed. Identified properties where outdoor recycling dumpster lids were being left open and provided educational intervention for behavior change. | Work with regional team to launch eastside business waste reduction media campaign. Expand upon hotel and special event food-service waste reduction partnerships. | 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. | 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 | Food waste prevention. Encourage food donation and food waste prevention. | Education / Outreach | UTIL |  Ongoing | N/A | Obtained Seattle-King County Public Health list of business food permits in Bellevue to further research food waste generators. Continued targeted outreach to top business waste generators without compost service. Six businesses and seven multifamily properties started compost collection service with our assistance in 2022. Conducted food donation research with existing organizations serving Bellevue to identify opportunities to increase edible food recovery. | Continue to identify and encourage additional food donation and food waste prevention opportunities with local businesses and residents. Work with WA State Dept of Ecology on implementation of statewide Organics Management Law. | 2021 |





| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | 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% | Continued promotion and support of statewide plastics law and plastic bag ban. Launched Regional Waste Reduction Campaign in partnership with Cities of Kirkland, Redmond and Bothell including business and customer intercept surveys on the use of durables instead of single-use food serviceware items, planning a spring media campaign, and preparing for launch of Bring Your Own Cup campaign at local coffee shops. Identified opportunity to partner with Parks Department to replace drinking fountains with reusable water bottle refilling stations in high-traffic community locations, along with an educational campaign to reduce single-use items. | | 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 | 10% | 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. | | | | | | | | |
| 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 | 5% | 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 | 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 | Create an AmeriCorps Urban Forestry Specialist position to support outreach and education. | Will evaluate needs for an urban forester resource as part of the implementation of the updated tree code. | 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 |









| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | Timeframe (from ESP) |
|--|---|-----------------------------|------------------------------|---|------------|---|---|----------------------|
| 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 | Collecting applications for 2023 Tree Ambassadors program. First training will begin in February. | | 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. Will receive updated canopy data every two years. https://pg-cloud.com/bellevuewa/ | Waiting to receive results and analysis for 2021 tree canopy. | 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% | Watershed Improvement Plan task to prioritize basins is complete. Scoping last phase of Watershed Management Plan. Beginning Phase 2 of public engagement. Scoping policy development for future stormwater plan, based on recommendations from WMP. | | 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 |
| 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 | Parks acquired a .79 acre property surrounded by public open space in the Cougar Mountain neighborhood. The property will be maintained in forested open space, with potential for a walking path connecting to adjacent residences. | 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. | Ongoing research into options for impact fees and other financing tools. | 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. | Ongoing implementation to expand access across the system. | 2022-2023 |

Municipal Operations

| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | 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. | Launch Environmental Performance Dashboard on new server. Complete onboarding for PSE's EnergyCAP software and train staff. Collect 2022 data for GHG inventories. | 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. | Meet with HR to review employee onboarding content and incorporate sustainability targets into materials. | 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. | 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 | 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. | 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. | Promote use of electric vehicle charging stations. | 2021 – 2022 |

| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | 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.). | Present scope of work to Council to set up construction contracts. | 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. | 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. | Continue to evaluate city-owned buildings 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. | Schedule installations Fire Station lighting projects at Fire Stations 2,3,7,8 and 9. | 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 |
| 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 |

| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | Timeframe (from ESP) |
|---|---|-------------------------------|---------------------|--|------------|--|---|----------------------|
| 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. | Amend contracts to include composting at city-owned facilities. | 2021-2025 |

| # | Action | Action Type | Lead | Status | % Complete | Q4 2022 Progress Update | Next Steps | Timeframe (from ESP) |
|---|--|------------------------------|------------------------------|---|------------|---|--|----------------------|
| 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. | 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. | 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 | Implement FLAT on 2023 enhancement plans. | 2021-2022 |