























Sustainable Bellevue: 2021 - 2025 Environmental Stewardship Plan










Summary of Implementation Progress










July 2022




| Status | # of Actions | Description | % of Total |
|---|--------------|--|-------------|
|  Started | 32 | Work has started / implementation is partially complete | 41% |
|  Ongoing | 26 | Work has been incorporated into ongoing operations | 33% |
|  Complete | 4 | Work has been completed | 5% |
|  Not started | 16 | Work has not yet begun | 21% |
|  Barrier | 0 | Need to re-strategize approach. There is a barrier to implementing the action. | 0% |
| Total | 78 | | 100% |








| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|---|---|------------------------|-------------|--|---|-----------|
| 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 |  Not started | Included in scope of work for Comprehensive Plan update Environmental Impact Statement. Pursuing a Dept of Commerce Growth Management Act grant for a climate vulnerability assessment. | 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 | 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 |
| C.1.3 | State advocacy. Advocate for state-level policies and funding that support the achievement of the plan goals. | Policy | CMO |  Ongoing | Staff requested funding for implementing the Sustainable Bellevue Plan through Congressionally Designated Spending, and submitted a grant to the WSDOT for public high-speed EV charging stations. | Ongoing |
| C.1.4 | Climate equity. Prioritize climate mitigation and adaptation investments in historically underserved and underrepresented communities. | Planning / Capital | CD |  Ongoing | 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 will also use an equity lens to look at the impact of development in proximity to high capacity roadways. | 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 | 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. | 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 | 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. | 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 | 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. | 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 |  Not started | 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 | Q2 2022 Progress Update | Timeframe |
|---|---|------------------------------|--------------|--|---|-----------|
| 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 | Included in ESI 2023-2024 budget proposal and plan to launch the project in late 2022 or early 2023, to evaluate opportunities in Wilburton and potentially other neighborhoods 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 | 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 | 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 | Sustainability and climate were priority topics included in the Neighborhood Area Plans for East and West Bellevue, and will be key considerations for the update to the Comprehensive Plan. | 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 | 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 | Mobility Implementation Plan adopted April 18, 2022. Traffic Standards Code recommendation approved June 9 - to Council June 27. | 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 | Will reassess after the Mobility Implementation Plan and related work is complete in late 2023. | 2022-2023 |
| M.2.3 | Curbside Management. 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 on June 9. Will transmit to Planning Commission for review on June 22 | 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 | 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 | 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 | Ongoing program, to support residents and businesses in identifying commuting alternatives to driving alone. | Ongoing |

| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|--|---|---------------------------------|-----------|--|--|-----------|
| 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 | | 2021-2022 |
| M.3.2 | EV infrastructure 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. | 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 | | 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 | 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 | | 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 | | 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 | As part of the Wilburton Vision Implementation, green building incentives will be considered as an option for land use incentives. | 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 |  Not started | | 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 | Bellevue adopted the most recent, 2018 International Code Council Building codes effective February 1, 2021. Bellevue submitted a letter of support to the Building Code Council for the updates to the Energy Code which support increased energy efficiency. | Ongoing |






| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|--|---|------------------------|-------------|---|---|-----------|
| 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 |  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 | Home energy retrofit program. Develop a home energy retrofit program to support retrofits and incentivize energy efficiency. | Incentive | CD |  Started | The City of Bellevue is partnering with the cities of Kirkland, Redmond, Issaquah, and Mercer Island in the development of a heat pump campaign to accelerate the adoption of energy efficient heat pumps. The program design is complete and the team is finalizing the marketing materials, program guidelines, and incentive applications. | 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 | Evaluating existing energy efficiency programs and access by low-income residents as part of the Home Energy Retrofit program action (E.2.2). | 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 | Will seek opportunities for an Eastside or regional training, in partnership with other K4C 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 | | 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 | | 2021 |
| E.3.2 | Solarize campaign. 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 |
| E.3.3 | Community solar. 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 | 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 | Council approved the 2022 State Legislative Agenda in November. Staff is working with legislators, stakeholders, and others to advocate for Bellevue's priorities. | Ongoing |







| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|---|--|----------------------|------------|--|---|-----------|
| 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 | Developed waste reduction best practices and posters for contracted commercial janitorial staff which will be piloted with Meta and Wright Runstad in the Spring District. Partnered with the Wright Runstad in the Spring District to provide Earth Day waste reduction outreach to all commercial and multifamily tenants. Continued ongoing targeted outreach and assistance to largest waste and food generators without current compost collection. Provided a train-the-trainer solid waste workshop for Bellevue King County Housing Authority multifamily property managers. 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- | 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 | 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 | | 2021 |







| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|---|--|------------------------------|------------|--|--|-----------|
| 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 | 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 | Waste study. 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 | Assess strategies. 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 presentations on zero waste strategies being done statewide and regionally, held a series of planning meetings and is in beginning phases of planning additional and updated strategies for 2023-2024 biennium. | 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 | 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 | 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 | 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 | 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 | Expanded urban forestry program through the creation of an AmeriCorps Urban Forestry Specialist position to support education and outreach. | 2021 |









| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|--|---|--------------------------------|------------------------------|--|---|-----------|
| 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 | Expanding the NE 8th Neighborhood Enhanced Project to include additional trees outside of the original boundary area of the project. | 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 | Launched the third cohort of the Tree Ambassadors program in March with nine new 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 |  Started | Initiated process to update the City's tree canopy assessment with more current data, and providing an online tool for residents to access the data. Aim to release the updated tree canopy assessment in late June. | 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 |  Started | Completed Watershed Assessment Reports for 4 watersheds. Assigned management strategies to all 19 sub-basins. Scoping second phase of public engagement. | 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 | 164th Ave NE LID SW project 90% complete. Anticipate construction in 2022/2023 | 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 | Parks acquired a .5 acre parcel in the Woodridge neighborhood. Primary purpose is Eastrail access, minimal environmental benefits. Continue to investigate potential acquisitions, in collaboration with Utilities. | 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 | Long-term funding options are currently in review by Council. Based upon community feedback and capital objectives in the Parks and Open Space System Plan, a levy or bond ballot initiative is under consideration, as well as research into impact fee options. | 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 |  Started | Parks & Open Space System Plan update is in process. Council review has been initiated and adoption is anticipated for Q3, 2022. Updated mapping and identification of system gaps is access is included as part of the plan draft. | 2022-2023 |

Municipal Operations

| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|---|--|-------------------------------|-----------|---|--|-------------|
| 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 | Updated databases to report on key performance indicators and completed greenhouse gas emissions inventories from community-wide and municipal operations. | 2021-2022 |
| M.C.1.2 | Sustainable operations training. Incorporate sustainability commitments into city staff trainings. | Policy / Planning / Training | RCM HR |  Ongoing | Trained staff on energy management and fault detection software to improve building energy efficiency. | 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 | Scheduled ESI meetings with the Core Team and Oversight Committee to collect department level feedback on internal challenges, discuss planning/project updates, 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 | Developing curriculum and agendas with the Institute for Sustainable Infrastructure to deploy internally 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 | Promoted Ride-Share programs and electric vehicle (EV) charging options to incentivize city staff to green their commutes as employees adjust to hybrid work schedules. | 2021 – 2022 |

| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|--|--|-----------------------------|---------------------|--|--|-------------|
| 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 | Developed budget plan and budget proposal for EV charging infrastructure for City Hall and the Bellevue Service Center. Coordinating with departments to identify opportunities for the first round of EV replacements in 2023 contingent on budget approval. | 2021 – 2022 |
| M.M.2.2 | Reduce fuel use. Pilot fuel reduction technology on fleet vehicles and equipment. | Policy / Planning / Capital | RCM / FAM |  Started | Designing electric vehicle charging infrastructure to support heavy-duty vehicle electrification at Fire Station 10. | 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 |  Started | Conducted energy audits at the Bellevue Service Center, North Bellevue Community Center, Highland Community Center, Bellevue Youth Theater, Mercer Slough Environmental Education Center, and the Bellevue Aquatic Center to identify opportunities to improve energy efficiency. Applied for a WA State Dept of Commerce energy efficiency grant for the BSC. | 2023 - 2025 |
| M.E.1.2 | Improve lighting efficiency. Upgrade indoor and outdoor lighting to efficient technology. | Planning / Capital | RCM FAM PARKS |  Started | Designing lighting retrofits at Fire Stations 2, 3, 7, 8 & 9 and preparing for installation in July 2022. Continue to negotiate budgets for lighting upgrades at City Hall. | 2021 - 2024 |
| M.E.1.3 | Improve plug-load efficiency. Manage plug loads efficiently and reduce peak demand. | Planning / Capital | RCM FAM PARKS |  Started | Plug loads dropped significantly during the pandemic reducing the end-use energy savings for plug load management systems. Planning to coordinate pilot program with IT department. | 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 | Pursuing LEED certification at Fire Station 5 and 10. Evaluating all city-owned buildings against the WA State Clean Buildings Standard to ensure compliance with the energy use intensity (EUI) targets. | 2021 - 2023 |

| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|--|---|-------------------------------|---------------------|--|--|-------------|
| M.E.1.5 | Enhance indoor air quality. Enhance indoor air quality in city-owned buildings. | Policy / Analysis | RCM FAM PARKS |  Started | Planning to sign contract for Health Compliance Package for indoor air quality at City Hall and extended to Bellevue Service Center. | 2023-2024 |
| M.E.1.6 | Support renewable energy. Use local renewable energy for city operations | Policy / Analysis | RCM FAM PARKS |  Started | Budgeting for City Hall rooftop solar and submitting proposals for Puget Sound Energy's Community Solar program. | 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 | Replacing building envelopes at Fire Stations 1 and 3 and replacing the roof at Fire Station 6. | 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 | Installing HVAC system at Fire Station 2 converting from gas to electric system. Budgeting for high priority energy retrofits at city-owned buildings. Incorporating performance assessments (see M.E.1.1) into capital project plans. | 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 | Continue to adhere to and promote the Environmentally Preferable Purchasing Policy. | 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 | Coordinated large-scale lamp recycling to safely and efficiently dispose of lighting from retrofit projects. | 2021-2025 |

| # | Action | Action Type | Lead | Status | Q2 2022 Progress Update | Timeframe |
|---|--|------------------------------|------------------------------|---|--|-------------|
| 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 | Working with vendor that offers "take-back" programs for carpet tiles. Researching "take-back" options for expired/compromised hard hats. | 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 | Achieved a 91% diversion rate during site demolition for Fire Station 10. Targeting a 75% diversion rate for demolition of Fire Station 5. | 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 | Reducing turf on-street tree restoration efforts to help reduce water use. | 2021-2022 |
| M.N.1.2 | Improve operational water efficiency. 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.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 | Decreased maintenance budgets will necessitate increase in pesticide use to help offset hand weeding frequencies. | 2021-2022 |
| M.N.1.4 | Sustainable landscaping certifications. Pilot third-party sustainability certification for landscaped areas where effective. | Planning / Capital | RCM FAM PARKS |  Started | Continue to pursue Salmon Safe certification at Fire Station 10. | 2022-2023 |
| M.N.1.5 | Tree preservation. 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.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 | Completed FLAT analysis for prioritizing park natural resource restoration efforts and developed a metric for tracking progress. | 2021-2022 |