

Initiatives for 2022/23* <i>*Specific details for 2022/23 initiatives are subject to change based on a variety of factors, including resource and material availability, technological requirements, potential supply chain issues, etc.</i>	2022/23 Budget Allocation* <i>*Figures below have been rounded to the nearest \$100,000.</i>
<p>Initiative: Begin the design and actioning of deep energy retrofits for approximately 700,000 ft² of floorspace in municipally-owned buildings. Retrofitting to include fuel switching, heat recovery systems, LED lighting, demand-controlled ventilation, rooftop solar and more.</p> <p>Impacts:</p> <ul style="list-style-type: none"> • Estimated operational savings of \$26 million over a 10-year lifecycle after retrofitting operations are complete. • Reduced reliance on oil. • Significant step toward long-term goal of retrofitting two million ft² of floorspace in municipally-owned buildings by 2027. • Aligns with target of net-zero municipal operations by 2030. 	\$2,800,000
<p>Initiative: Install a total of five to 10 level 3 (fast-charging) electric vehicle charging units at various municipal properties (including rural and urban locations) for public use.</p> <p>Impacts:</p> <ul style="list-style-type: none"> • Supports commuters who do not have access to home-based electric vehicle charging units. • Reduced barriers/improved access to charging stations may encourage and accelerate the transition to electric vehicles across our region. 	\$1,100,000
<p>Initiative: Convert 54 existing municipal vehicles to fully electric or plug-in hybrid electric (approximately 10 per cent of the municipality's existing fleet).</p> <p>Impacts:</p> <ul style="list-style-type: none"> • Increased annual operational savings through: <ul style="list-style-type: none"> ○ Lower fuel costs. ○ Reduced maintenance costs and time. • Aligns with target of net-zero municipal operations by 2030. 	\$3,100,000
<p>Initiative: Install 40 level 2 (lower-capacity) electric vehicle charging units at municipal facilities to support the growing electric vehicle fleet.</p> <p>Impacts:</p> <ul style="list-style-type: none"> • Increased annual operational savings through: <ul style="list-style-type: none"> ○ Lower fuel costs. ○ Operational efficiencies and time savings for municipal employees. • Aligns with target of net-zero municipal operations by 2030. 	\$400,000

<p>Initiative: Full review of municipally owned and operated critical infrastructure to determine required “future-proofing” against various potential climate impacts.</p> <p>Impacts:</p> <ul style="list-style-type: none"> • Efficient and informed planning: Assessment will look at factors such as risk levels to ensure time and cost-effective prioritization of infrastructure across the Halifax region. • Reduced future costs for maintenance and repair. • Implementation of identified upgrades will begin in year two and will continue until all critical infrastructure is updated as required. 	<p>\$600,000</p>
<p>Initiative: General climate action projects across the municipality</p> <p>Examples of general initiatives funded in 2021/22:</p> <ul style="list-style-type: none"> • The Prince Albert Road Rain Garden Project. • Electric ice re-surfacer for the Sackville Sports Stadium. • Procurement of electric bikes for parking enforcement officers. • Tree planting as part of the implementation of the Urban Forest Master Plan. • Solar panel installations on municipal buildings (Needham Park washroom, Dartmouth North Community Centre, Acadia Centre/Sackville Public Library, The Dingle Canteen/Adventure Earth Centre). • A refrigerated truck to increase food security in climate-vulnerable communities during power outages. 	<p>\$2,000,000</p>
<p>Total: \$10,000,000</p>	