

2019 Climate Action Strategy - Proposed Programs and Initiatives

That Council:

1. Adopt the new accelerated climate action planning directions in the Policy Directions section of this report, and adopt the new climate targets that expand on the existing CLP directions, as follows:
 - a. Expand the CLP's target to include that after 2025, all new and replacement building heating and hot water systems are zero emissions, and report back in the fall of 2020 with additional strategies and considerations to achieve this target (Policy Direction #4);
 - b. Direct staff to develop a new city-wide, long-term target for 2030, related to the reduction of embodied-emissions from materials used by the municipality, and report back in the fall of 2020 with the initial targets and planning considerations (Policy Direction #5).
 - c. Direct staff to initiate planning for new targets related to municipal ecosystem performance to enhance the city's natural carbon sequestration and climate adaptation capabilities, and report back in 2020 with an update (Policy Direction #6)
2. Adopt the strategies and directions contained within the High Impact Initiatives section of this report to meet the CLP and new policy direction objectives, which include the following:
 - a. Oil to Heat Pump Incentive Program
 - b. Building Energy and Efficiency Retrofit Program
 - c. Low Carbon Step Code Program

And refer the responsibility to deliver Low Carbon Mobility High Impact Initiatives as part of the GoVictoria program in the following areas:

 - a. Active Transportation Infrastructure
 - b. Zero Emissions Mobility Incentives
 - c. Zero Emissions Rapid and Frequent Transit Initiatives
3. Consider allocating \$334,000 of ongoing operating funds in the 2020 financial planning process to support critical staff resources to deliver multi-year projects, as follows:
 - a. Three full-time positions \$324,000
 - i. Community Energy and Emissions Specialist (EPW) (1 FTE) transition to ongoing

- ii. Fleet Energy and Emissions Specialist (EPW) (1 FTE) new
 - iii. Building Energy and Emissions Specialist (SPCD) (1 FTE) new
 - b. Training and conference attendance (\$10,000)
- 4. Consider allocating \$1,025,000 in funding as part of the 2020 financial planning process, using available Climate Action Reserve Funds (CARF) \$460,000 and a \$565,000 2019 surplus allocation to fund non-CARF eligible initiatives. These funds support the High Impact Initiatives and financial impact section of this report, outlined as follows:
 - a. **Oil to Heat Pump Incentive Program** (\$400,000 for fuel switching top up, electrical panel upgrades, equity top-ups and promotional materials, based on estimated uptake forecast):
 - b. **Building Energy and Efficiency Retrofit Program** (\$35,000 for promotional work, minor top ups):
 - c. **Low Carbon Step Code Program** (staff work only), and
 - d. Climate Action Program: Priority investments to support the following work (\$590,000):
 - i. ICLEI Membership renewal (\$60,000/year - 3-year contract \$180,000 total)
 - ii. Climate action project management/ administrative guidelines (\$50,000)
 - iii. Support to Market Rental Revitalization Program (\$30,000)
 - iv. Electric Vehicle (EV) chargers (Broad Street) - (\$50,000)
 - v. Parkade EV chargers (\$25,000)
 - vi. Village EV chargers (\$50,000)
 - vii. EV Infrastructure strategy development (\$25,000)
 - viii. Communication strategy development and implementation (\$60,000)
 - ix. Program matching funds - Zero Emissions Fed/Prov programs (\$75,000)
 - x. BOMA- Capital Region 2030 Resilient District year two grant (\$25,000)
 - xi. GHG Modelling and Consultant support (\$20,000)
- 5. Direct staff to:
 - a. Complete the necessary administration to extend the current ICLEI partnership agreement, which houses the western Canada ICLEI

representatives in the City, for another 3-year period, to the satisfaction of the City Clerk,

- b. Bring forward a bylaw to apply an initial per-hour City EV charging fee of \$1.00 per hour, or as required, to ensure adequate parking turnover and availability for public use, and amend bylaw to the satisfaction of the Director of Engineering & Public Works.

And that Council:

6. Advocate to the Province, CRD, BC Hydro and other key stakeholders to designate *Building Energy and Efficiency Retrofits* as a regional infrastructure priority,
7. Advocate to the Capital Regional District for the immediate start-up of a regionally-led community energy/emissions retrofit program applying the principles and directions outlined in this report and drawing from international best-practice.
8. Advocate to the Province to amend the Community Charter to give BC municipalities the independent authority to manage issues of climate change, reflecting the importance and reality that these complex issues share environmental / social and economic dimensions that affect community well-being in an increasingly important and severe manner.
9. Advocate for a regional Climate Action Leadership Advisory Board with membership from industry, academia, community, government and business to drive shared and impactful investments in regional greenhouse gas mitigation and adaption.
10. That staff be directed to provide a progress report to Council in Q2 of 2020.