

Attachment 4

CAT Current Four Year Workplan and Proposed Accelerated Four Year Workplan

2023-2026 CAT Workplan and Proposed Accelerated Target-Driven Workplan

LEGEND			
Project Initiation Year		Project Status	
Number	The project will launch in the specified year, but it does not mean the project will complete within that same year.	Not Started	Has not launched
Ongoing	Long term item with year over year interaction (as needed for full time)	In Progress	Has launched and currently active
Beyond 2026	Not scheduled to be launched within this 4 year workplan	Ongoing	Has launched and currently active
		Hold	Has launched, but is currently inactive (could be for a number of reasons such
		Complete	Project has been delivered

#	Plan/ Strategy	Sub-Category	Project	Project Initiation Year		Project Status
				CAT Wrokplan 2023 - 2026	Accelerated Workplan 2023 - 2026	
1	CEEP2050	All Buildings	Energy Save New West program delivery, community incentive processing, data acquisition and program uptake review	2023	2023	In Progress
2	CEEP2050	All Buildings	Explore ways to require heat pump installation in new construction to introduce cooling and reduce heating load	2023	2023	In Progress
3	CEEP2050	All Buildings	Update City Website to reflect CEEP Updates	2023	2023	Complete
4	CEEP2050	CEEP 2050 Implementation Plan	Climate Lens - Expand ownership of climate strategy implementation actions within the City	2023	2023	In Progress
5	CEEP2050	New Buildings	Bylaw update for BCBC 2023 alignment	2023	2023	Complete
6	CEEP2050	New Buildings	Develop a two option framework for Step Code compliance in Part 9 buildings to encourage low carbon fuel systems	2023	2023	In Progress
7	CEEP2050	New Buildings	Develop Step Code and Zero Carbon Code implementation schedule, to reach highest levels in advance of 2030	2023	2023	In Progress
8	CEEP2050	Existing Buildings	Complete community building stock analysis (additional focus on pre-1980) - STREAM 2 Extreme Heat Response	2024	2024	Not Started
9	CEEP2050	Existing Buildings	Identify gaps in existing energy and emissions incentive/rebate programs - STREAM 2 Extreme Heat Response	2024	2024	Not Started
10	CEEP2050	New Buildings	Implement Step Code and Zero Carbon Code adoption schedule, to reach highest levels in advance of 2030	2024	2024	Not Started
11	CEEP2050	New Buildings	Support internal capacity building on updated BCBC Energy and Emission Codes	2024	2024	Not Started
12	CEEP2050	All Buildings	Support climate lens review of Zoning Bylaw, DPA guidelines and Design Guidelines	2025	2025	Not Started
13	CEEP2050	Existing Buildings	Conduct vulnerability analysis of building stock including socio-economic, energy and spatial data collection (if available) of existing buildings to support program development priorities - STREAM 2 Extreme Heat Response	2025	2024	Not Started
14	CEEP2050	Existing Buildings	Review local government policy tools to incentivise energy and emission retrofits in existing buildings. - STREAM 2 Extreme Heat Response	2025	2025	Hold
15	CEEP2050	Successfully Implement CEERS, CEEP and eMobility	7 Bold Steps KPI and Program Impact Reporting	2025	2025	Hold
16	CEEP2050	All Buildings	Participate in innovative pilot projects being advanced by external partners	2026	2026	Not Started
17	CEEP2050	Existing Buildings	Conduct a needs assessment for existing buildings to achieve energy efficiency and emission reductions - STREAM 2 Extreme Heat Response	2026	2024	Not Started
18	CEEP2050	All Buildings	Advocate to advance mandatory energy labelling and benchmarking	Ongoing	Ongoing	Ongoing
19	CEEP2050	All Buildings	Capacity building for builder and developer community to support step code accelerations	Ongoing	Ongoing	Ongoing
20	CEEP2050	All Buildings	Deliver ESNW Programs	Ongoing	Ongoing	Ongoing

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				CAT Wrokplan 2023 - 2026	Accelerated Workplan 2023 - 2026	
21	CEEP2050	Conservation and Demand Management	Advocate to Province on carbon pricing	Ongoing	Ongoing	Not Started
22	CEEP2050	Conservation and Demand Management	Collaborate with the Electric Utility and provide regular updates to the Utility Commiision on energy conservation and electrification initiatives to support utility strategic planning	Ongoing	Ongoing	Ongoing
23	CEEP2050	Conservation and Demand Management	Continue to collaborate with the Electric Utility and BC Hydro to implment conservation and demand management strategies and ensure NW customers have ongoing access to programs.	Ongoing	Ongoing	Ongoing
24	CEEP2050	eMobility	Advocate to Sr. governments regarding medium and heavy duty ZEVs, and maintaining light duty ZEV targets	Ongoing	Ongoing	Ongoing
25	CEEP2050	Existing Buildings	Advocate for MURB incentive and financing programs	Ongoing	Ongoing	Ongoing
26	CEEP2050	Existing Buildings	Advocate for rental building retrofit incentive and financing programs	Ongoing	Ongoing	Ongoing
27	CEEP2050	Sustainable Transportation Modes	Advocate for programs to increase usage of public transportation	Ongoing	Ongoing	Ongoing
28	CEEP2050	Conservation and Demand Management	Identify and advocate for expanding energy conservation and damand management programs	Beyond 2026	Ongoing	Ongoing
29	CEEP2050	Conservation and Demand Management	Implement and expand on educational campaigns to encourage and raise awareness about energy conservation, including providing additional information on utility bills.	Beyond 2026	2025	Not Started
30	CEEP2050	Conservation and Demand Management	Promote energy and emissions programs developed by utility and other partners for commecrial and institutional buildings	Beyond 2026	Ongoing	Ongoing
31	CEEP2050	Conservation and Demand Management	Promote use of smart technology for energy management	Beyond 2026	2026	Not Started
32	CEEP2050	District Energy and Waste Heat Recovery	Explore opportunities to encourage on-site waste heat recovery systems in buildings	Beyond 2026	2026	Not Started
33	CEEP2050	eMobility	Promote existing programs which incentivize adoption of micro eMobility	Beyond 2026	2025	Not Started
34	CEEP2050	eMobility	Promote existing programs which incentivize adoption of zero emission lightduty passenger vehicles	Beyond 2026	2025	Not Started
35	CEEP2050	eMobility	Promote existing programs which incentivize adoption of zero emission medium and heavy-duty passenger vehicles	Beyond 2026	2025	Not Started
36	CEEP2050	Existing Buildings	An Equitable New Deal (Energy Poverty) review and integration in to program planning	Beyond 2026	2025	Not Started
37	CEEP2050	Existing Buildings	Develop community program(s) to incentivise emission reductions in existing buildings targeting gaps in existing prgrams and measures to reduce overheating - STREAM 2 Extreme Heat Response	Beyond 2026	2025	Not Started
38	CEEP2050	Existing Buildings	Develop strategies for retrofit programs to align with heritage and charger buildings - STREAM 2 Extreme Heat Response	Beyond 2026	2025	Not Started
39	CEEP2050	Existing Buildings	Implement community program(s) targeting building overheating - STREAM 2 Extreme Heat Response	Beyond 2026	2026	Not Started
40	CEEP2050	Local Energy Generation	Explore opportunities to expand urban solar gardens	Beyond 2026	2025	Hold
41	CEEP2050	Local Energy Generation	Explore policy tools and incentives to encourage cost effective, on-site renewable energy generation in new and existing buildings	Beyond 2026	2026	Not Started
42	CEEP2050	Natural Systems	Develop Climate Adaptation and Resilience Plan	Beyond 2026	2024	Not Started
43	CEEP2050	New Buildings	Develop policies related to embodied carbon in new construction	Beyond 2026	2026	Not Started
44	CEEP2050	New Buildings	Identify appropriate performance standards for institutional and industrial buildings	Beyond 2026	2025	Not Started

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45	CEEP2050	New Buildings	Identify policy tools to require low carbon energy sources for new construction	Beyond 2026	2024	In Progress
46	CEEP2050	Smart Grid Technologies	Explore opportunities to partner on a building scale distributed renewable energy pilot project	Beyond 2026	2026	Not Started
47	CEEP2050	Sustainable Transportation Modes	Advocate for expanding frequent transit service and improving service along the MTN	Beyond 2026	Ongoing	Ongoing
48	CEEP2050	Sustainable Transportation Modes	Advocate for improving affordability, accessibility, and safety of transit and active transportation	Beyond 2026	Ongoing	Not Started
49	CEERS	Successfully Implement CEERS	Develop Internal Carbon Pricing Policy and Tools	2024	2024	Hold
50	CEERS	Implementation Strategies	Complete an outreach strategy focused on energy conservation and climate change awareness	Beyond 2026	2025	Hold
51	CEERS	Implementation Strategies	Implement the completed outreach strategy focused on energy conservation and climate change awareness	Beyond 2026	2026	Not Started
52	CEERS	Successfully Implement CEERS	Annual review, update and development of corporate policies (i.e. vehicles taken home, workplace charging, etc.) 1 update per year	Beyond 2026	Ongoing	Ongoing
53	CEERS	Fleet	Develop eMobility Strategy	Complete	Complete	Complete
54	eMobility	Improve Access to EV Charging - Home	Research MURB EV charging retrofits barriers to adoption	2023	2023	In Progress
55	eMobility	Improve Access to EV Charging - Public	EV User Fee - Detailed Analysis	2023	2023	Hold
56	eMobility	Improve Access to EV Charging - Public	EV-Ready bylaw for new non-residential buildings	2023	2023	In Progress
57	eMobility	Improve Access to EV Charging - Home	Develop guidance materials for MURBS conducting EV Ready retrofits and promote existing incentive program(s)	2024	2024	Not Started
58	eMobility	Improve Access to EV Charging - Public	Develop siting guidelines for public infrastructure with a focus on user experience	2024	2024	Not Started
59	eMobility	Improve access to EV charging at home	Explore developing a program to provide financial incentives for MURB EV-Ready retrofits	2024	2024	Not Started
60	eMobility	Improve access to EV charging in public spaces	Complete detailed street-level mapping of EV infrastructure gaps	2024	2024	Not Started
61	eMobility	Enhance e- bike accessibility	Advocate for e-bike incentive programs(s)	Ongoing	Ongoing	Ongoing
62	eMobility	Improve access to EV charging at home	Advocate for EV-ready retrofit requirements and support programs	Ongoing	Ongoing	Ongoing
63	eMobility	Improve access to EV charging at home	Advocate to include EV-Ready retrofits in financing programs	Ongoing	Ongoing	Ongoing
64	eMobility	Improve access to EV charging in public spaces	Continue to set City charging user fees to support cost-recovery and turnover	Ongoing	Ongoing	Ongoing
65	eMobility	Improve access to EV charging at home	Explore implementing a program to provide financial incentives for MURB EV-Ready retrofits	Beyond 2026	2025	Not Started
66	eMobility	Improve access to public and private secure e-bike parking	Develop secure e-bike parking policies for existing buildings	Beyond 2026	Beyond 2026	Not Started
67	eMobility	Improve access to public and private secure e-bike parking	Explore existing building secure e-bike parking program	Beyond 2026	Beyond 2026	Not Started
68	eMobility	Improve access to public and private secure e-bike parking	Support e-bike security education programs	Beyond 2026	Beyond 2026	Not Started
69	eMobility	Incorporate eMicromobility into City planning and outreach	Develop an education campaign for safe use and benefits of eMicromobility	Beyond 2026	Beyond 2026	Not Started
70	eMobility	Proactively manage electricity grid impacts of EV charging	Continue to monitor EV uptake and forecast the anticipated impacts of adoption	Beyond 2026	2024	Not Started

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71	eMobility	Proactively manage electricity grid impacts of EV charging	Develop educational materials on the benefits of networked or 'smart' charging	Beyond 2026	Beyond 2026	Not Started
72	eMobility	Proactively manage electricity grid impacts of EV charging	Explore the development of a networked or 'smart' charging incentive pilot	Beyond 2026	Beyond 2026	Not Started
73	eMobility	Proactively manage electricity grid impacts of EV charging	Implement an EV load management program	Beyond 2026	Beyond 2026	Not Started
74	eMobility	Proactively manage electricity grid impacts of EV charging	Plan for the future development of an EV load management program	Beyond 2026	Beyond 2026	Not Started
75	eMobility	Successfully implement the eMobility Strategy	Apply an equity lens to implementation and engage with equity-denied groups	Beyond 2026	Ongoing	Ongoing
76	eMobility	Successfully implement the eMobility Strategy	Create and hire an eMobility Specialist staff position to lead and support the eMobility Strategy	Beyond 2026	2025	Not Started
77	eMobility	Successfully implement the eMobility Strategy	Leverage external funding opportunities	Beyond 2026	2025	Hold
78	eMobility	Support affordability of EVs	Advocate for EV purchase incentive program(s)	Beyond 2026	Ongoing	Ongoing
79	eMobility	Support affordability of EVs	Advocate to expand "scrap-it" program(s) for ICE vehicles	Beyond 2026	Ongoing	Not Started
80	Other	Energy Management Committee	Relaunch and lead City committee on energy and emissions	2023	2023	Not Started
81	Other	Successsfully Implement CEERS, CEEP and eMobility	Climate Action Reserve Fund - Decision Making Matrix 1.0	2023	2023	In Progress
82	Other	Successsfully Implement CEERS, CEEP and eMobility	Climate Action Reserve Fund - Decision Making Matrix rollout	2025	2025	Not Started
83	Other	Admin	Provide customer service to residents with climate action inquires	Ongoing	Ongoing	Ongoing
84	Other	Successfully Implement CEERS, CEEP and eMobility	CDP Climate Action Reporting (Community and Corporate, Mitigation and Adaptation)	Beyond 2026	Ongoing	Hold
85	Regulatory	Successfully Implement CEERS	Low Carbon Fuels Credits Reporting and Approval Process	Ongoing	Ongoing	Ongoing
86	Regulatory	Successfully Implement CEERS	Provincial Reporting (LGCAP) and Corporate Reporting	Ongoing	Ongoing	Ongoing