

## Attachment 2

*Seven Bold Steps and Environment Key Performance Indicators 2024 Progress Table*

# Climate Action Snapshot

This annual climate action snapshot showcases the City's progress towards our climate and environment goals.

## CURRENT CONDITIONS

KEY METRIC	UNITS	BASELINE	STATUS	PROGRESS TOWARDS TARGET/DESIRED TREND	TARGET/DESIRED TREND
<b>01 Carbon Free Corporation</b>					
City's Corporate Carbon Emissions	tCO2e/year	4,227 (2010)	2,968 (2023)	-29.8%	-100% by 2030
<b>02 Car light Community</b>					
Sustainable Transportation Mode Share	Percentage (%)	35.50% (2017)	—	—	60% by 2030
Length of Cycling Lanes (Total)	Total length in km	58.60 (2020)	53.41 (2024)	—	Increase
Bus Service Hours	hours per year	392,892 (2019)	384,319 (2023)	↓	Increase
SkyTrain Boardings	Number of boardings per year	12,640,000 (2019)	11,214,000 (2023)	↓	Increase
<b>03 Carbon Free Homes and Buildings</b>					
Buildings and Homes Carbon Emissions	tCO2e/year <sup>2</sup>	134,353 (2016)	148,770 (2022)	↑	Decrease
Buildings and Homes Carbon Emissions per Capita	tCO2e/person/year <sup>2</sup>	1.8 (2016)	1.79 (2023)	↓	Decrease
High Performance Homes	Number of homes completed	4 (2020)	68 (2021 - 2023)	↑	Increase
Carbon Emissions Savings in Existing Buildings	tCO2e/year <sup>2</sup>	216.70 (2020)	385.00 (2023)	↑	Increase
Energy Savings in Existing Buildings	Gj/year	263.38 (2020)	5,929.00 (2023)	↑	Increase
<b>04 Pollution Free Vehicles</b>					
Vehicle Kilometers Driven by Zero Emission Vehicles	Percentage (%)	1.13% (2020)	1.75% (2021)	1.75	50% by 2030
City-Owned Electric Vehicle Charging Stations (Total)	Total Number of Stations	24 (2020)	30 (2023)	↑	Increase
City-Owned Electric Vehicle Charging Stations Usage	Usage hours/year	42,796 (2020)	46,385 (2023)	↑	Increase
Percentage of EV Ownership	Percentage (%) / year	1.55% (2020)	4.27% (2023)	4.27%	Increase
<b>05 Carbon Free Energy</b>					
Electricity Distributed	megawatt hour (MWh)/year	463,716 (2020)	480,203 (2023)	↑	Increase
<b>06 Robust Urban Forest</b>					
Tree Canopy Cover	Percentage (%)	18% (2015)	—	—	27% by 2030
Net New Trees on Public Lands	Cumulative number of net new trees	371 (2020)	2,464 (2024)	↑	Increase
New Trees on Private Lands	Cumulative number of replacement trees	539 (2020)	1,627 (2024)	↑	Increase
New Trees on Private Lands	Cumulative number of new trees	284 92020)	1,420 (2024)	↑	Increase
<b>07 Quality People Centred Public Realm</b>					
Road Space Reallocation	Total Percentage (%)	—	1% (2023)	1%	10% by 2030
New Gathering Spaces Added	Number of new spaces added per year	5 (2020)	21 (2021-2023)	—	Increase
New Stormwater Interventions in Public Spaces	Number of Interventions added	1 (2020)	5 (2021-2023)	—	Increase
Natural Land Area	Total Hectares	61 (2020)	37.15 (2024)	—	Increase
Conversion of Invasive Species to Native Species	Total Hectares	0.0023 (2020)	0.53 (2024)	—	Increase
<b>08 Environment</b>					
Water Use Per Capita	L/capita/day/year	277 (2020)	272 (2023)	↓	Decrease
Single Family Waste Diversion	Annual Percentage (%)	62.7% (2019)	68.5% (2023)	↑	Increase
Sewer Separation	Percentage (%) of total combined sewer separated per year	1.5% (2020)	1.5% (2023)	1.5%	1.5% per year

## NOTES

### Bold Step 2

An update to TransLink's Trip Diary is expected in early 2025.

The 2020 baseline is based on outdated methodology. A more accurate assessment of the existing cycle network was completed during the development of the Active Transportation Network Plan, reflected in the 2024 update.

Boardings dipped during the COVID-19 Pandemic but are beginning to return to pre-pandemic levels.

### Bold Step 3

Baseline updated to reflect the Community Energy and Emissions Inventory from the Province.

Homes that were built above building code requirements

### Bold Step 4

Baseline updated to reflect the Community Energy and Emissions Inventory from the Province.

If all vehicles travelled the same distance, this indicator would translate to the stated target. Hence, this indicator is expected to serve as the strongest indicator of progress.

### Bold Step 5

The ability to meet increasing electricity demand reflects the necessary investment in the electrical grid.

### Bold Step 6

Update will be provided when Urban Forest Management Strategy is being updated.

Baseline updated to reflect internal data collection practices.

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Baseline updated to reflect internal data collection practices.

### Bold Step 7

Baseline was established in 2023. Projects included road spaces reallocated to spaces like pedestrian plazas and cycling lanes.

Five green infrastructure projects that support the City's stormwater management plan were completed between 2021 and 2023.

A natural areas inventory was created in 2024, which provides a more accurate inventory of our natural areas going forward.

### Environment

Aim to separate 1.5% of combined sewers per year. More than 50% have been separated as of 2023.

2. tCO2e refers to tonnes of carbon dioxide equivalent emissions (also referred to as tonnes of carbon emissions).