



City of Vancouver Climate Plans | 2024 07 23

2024 Annual Report & 2026-2030 Scope





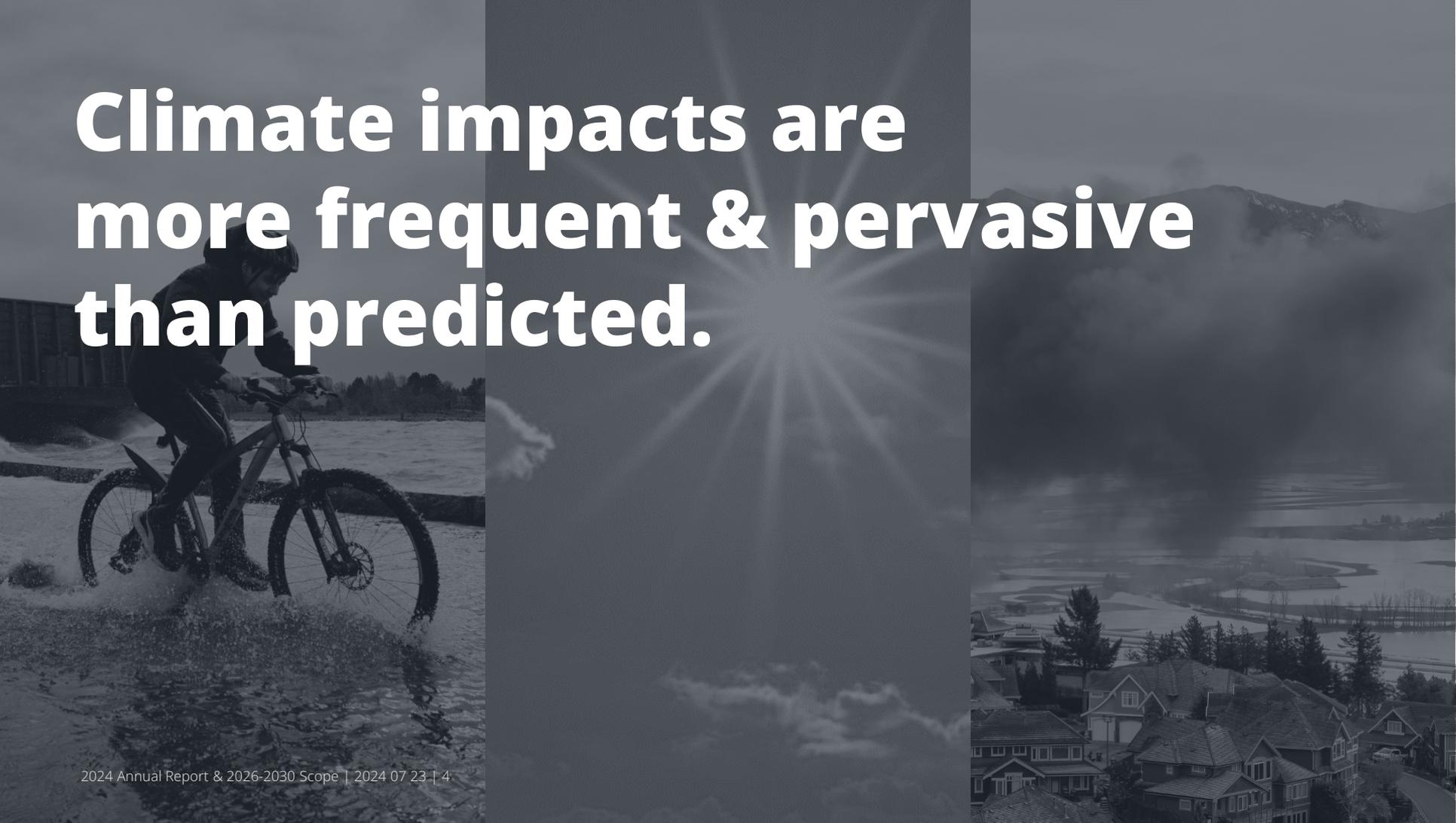
The City of Vancouver is on the unceded traditional territory of the Musqueam, Squamish and Tsleil-Waututh First Nations.

These lands are the foundation of thousands of years of living culture of the Musqueam, Squamish and Tsleil-Waututh peoples.

We acknowledge hə́h'qəmińə́m and S̓kwxwú7mesh as the original languages of these lands.

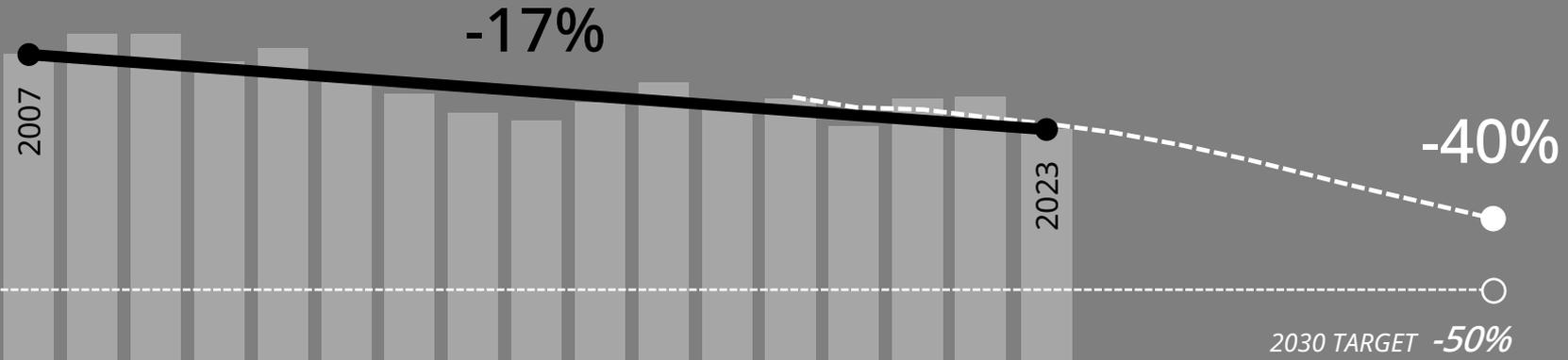
An aerial photograph of Vancouver, British Columbia, Canada, taken during the golden hour of sunset. The city's dense urban landscape is illuminated by the warm, low-angle light, highlighting the numerous high-rise buildings and residential towers. The city is situated on a peninsula, with the dark blue waters of the Burrard Inlet to the west and the forested hills of the False Creek area to the south. In the far distance, the snow-capped peaks of the Coast Range mountains are visible under a hazy, orange-tinted sky. The overall scene conveys a sense of a vibrant, modern city with a rich natural and historical context.

**Vancouver has a
long history of
climate action.**



**Climate impacts are
more frequent & pervasive
than predicted.**

Despite progress to date, we're not on track to reach our targets.





Our climate work continues to create a better Vancouver, advancing multiple priorities

agenda

Purpose: update on the implementation of the Climate Emergency Action Plan & Climate Change Adaptation Strategy and get direction on scope of the 2026-2030 refresh

Overview

A look back, 2024 highlights

- reducing carbon pollution
- preparing for climate impacts

A look ahead, through 2030

- 2024/25 decisions
- extending our roadmap
- opportunities to create the future we want
- recommendation to Council

Q+A



Update on how we're cutting carbon pollution...



Climate Emergency Action Plan

6 BIG MOVES

1

COMPLETE, WALKABLE NEIGHBOURHOODS

90% of people living within an easy walk or roll of their daily needs by 2030.

2

ACTIVE TRANSPORTATION & TRANSIT

Two-thirds of trips in Vancouver to be by active transportation and transit by 2030.

3

ZERO EMISSIONS VEHICLES

50% of the km driven on Vancouver's roads to be by zero emissions vehicles by 2030.

4

ZERO EMISSIONS SPACE & WATER HEATING

By 2030, cut our carbon pollution from building in half, compared to what we had in 2007.

5

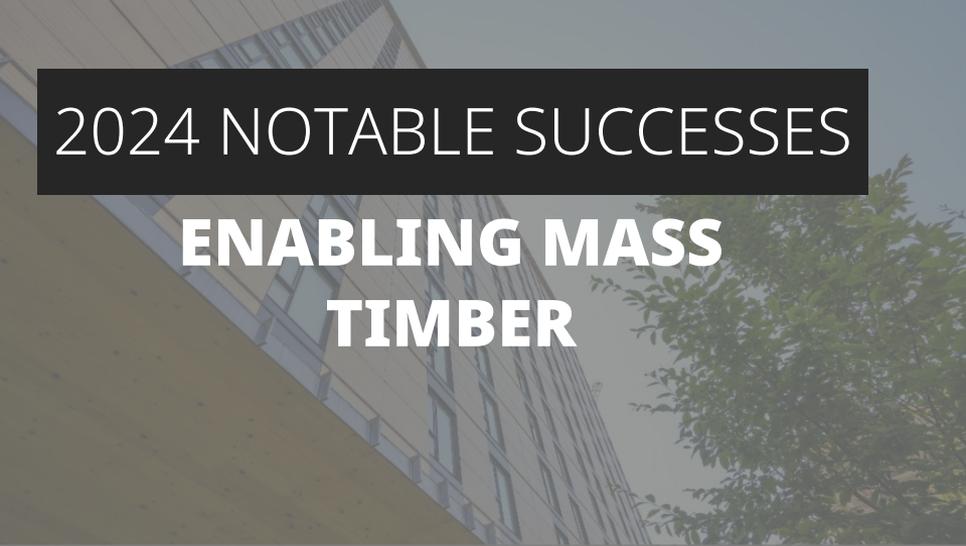
LOW CARBON MATERIALS & CONSTRUCTION PRACTICES

By 2030, reduce embodied emissions from new buildings and construction projects by 40% compared to 2018.

6

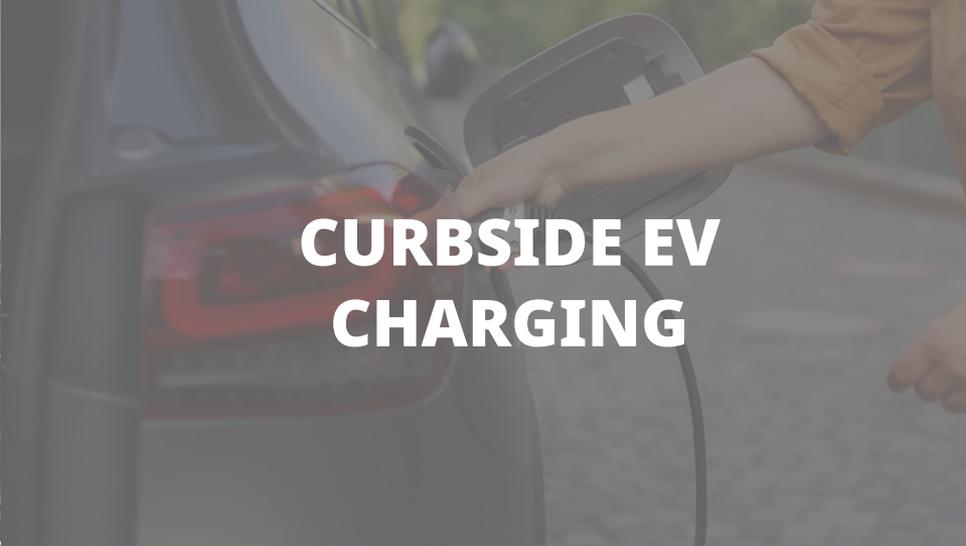
RESTORED COASTS & FORESTS

By 2050, sequester 21,000 tCO₂e per year within city boundaries.



2024 NOTABLE SUCCESSES

ENABLING MASS TIMBER



CURBSIDE EV CHARGING



DOMESTIC HOT WATER REGULATIONS



WATER STREET PEDESTRIAN ZONE PILOT



**BCUC
DECISIONS**

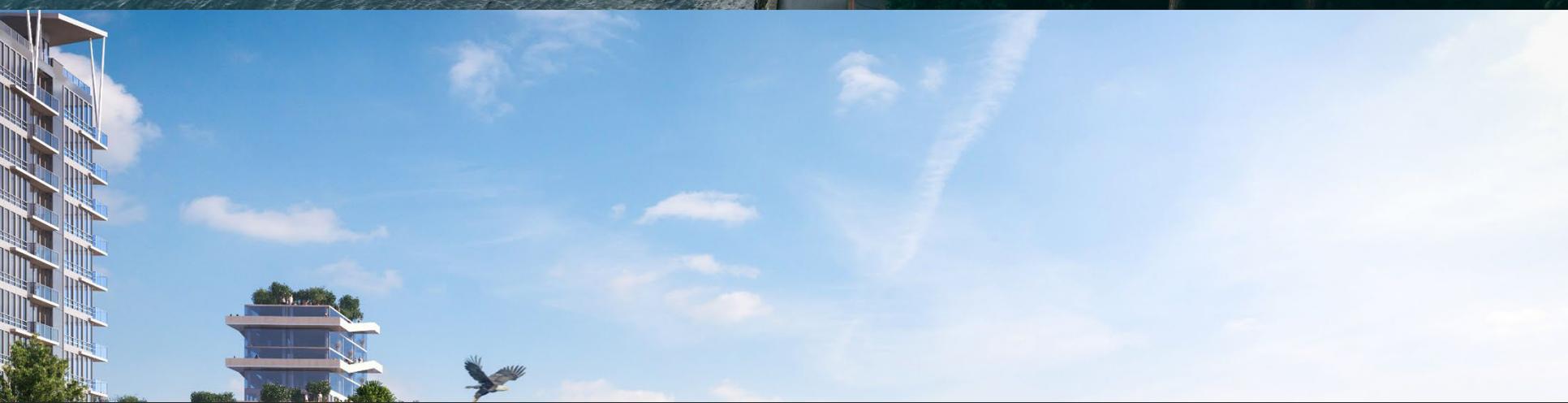


**PROVINCIAL
HOUSING
LEGISLATION**

PARTNERSHIP & ADVOCACY HIGHLIGHTS



**BC HYDRO
OVERHEAD SERVICING**



Update on how we're preparing for climate impacts...



Climate Change Adaptation Strategy

5 HAZARDS



**EXTREME
HEAT**



**POOR AIR
QUALITY**



DROUGHT



**EXTREME
RAINFALL**



**SEA LEVEL
RISE**

2024 NOTABLE SUCCESSES

HAZARD & RISK EXPLORER

CLIMATE FRIENDLY BUILDING ADVISORY COMMITTEE

TATLOW PARK STREAM DAYLIGHT & STORM WATER PROJECT



PARTNERSHIP & ADVOCACY HIGHLIGHTS



INDOOR AIR TEMPERATURE REPORT



COMMUNITY CENTRE COOL & CLEAN AIR UPGRADES

See 2023-2024 indicator & financial dashboards for detail.



agenda

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Q+A



Our existing roadmap(s) takes us to 2025.



advancing our current roadmaps

2024/2025 COUNCIL DECISIONS

CEAP

Q4 2024	BM2	Broadway Public Realm & Streetscape
	BM4+5	VBBL Zero Carbon Step Code
Q1 2025	BM1	Rupert Renfrew Station Area Plan
	BM2	Parking Maximums
Q2 2025	BM4	Space Heating System Replacement Requirements
	BM4	Carbon Pollution Limits for Large Buildings
	BM3	Additional Compliance Options for Gas Station & Parking Lot Charging Requirements
	BM1-5	2026-2030 Action Plan

CCAS

Q3 2024	EXTREME HEAT	VBBL Multifamily Mandatory Cooling
	HEAT + RAIN	Protection of Trees By-law
Q4 2024	HEAT + RAIN	Urban Forest Strategy
	EXTREME RAIN	Healthy Waters Plan Phase 2
Q1 2025	SEA LEVEL RISE	Coastal Flood Risk Policy
	EXTREME RAIN	Alberta-Columbia Park GRI Project
Q2 2025	EXTREME RAIN	VBBL Rainwater Management Amendments
	ALL CCAS HAZARDS	2026-2030 Action Plan



Extending our roadmap beyond 2025.



2026-2030 climate plans

VISION

“ Vancouver’s climate plans identify the impactful actions the City will take to reduce our carbon pollution and prepare our community for the impacts of climate change.

Responding to this challenge gives us an opportunity to come together to create a city that is healthier, safer, more equitable, affordable and resilient. ”



INTEGRATED

RESPONSIVE

MEANINGFUL

ACHIEVABLE

EQUITABLE

RECONCILIATION

INFORMED

project
OBJECTIVES

project DELIVERABLES

2026-2030 CLIMATE STRATEGY

The 2026-2030 climate strategy will consist of two plans — mitigation and adaptation—that will be communicated publicly as coordinated, mutually supportive plans, delivered to Council in two aligned reports.

MITIGATION REPORT	ADAPTATION REPORT (<u>will absorb BM6</u>)
updated targets for BM1+3	set milestones + goals
City-controlled targets for each big move	City-controlled indicators for each risk
2-3 new actions per big move	priority actions for climate change-related hazards
additional partnership and advocacy actions	
actions underway to provide a complete picture	
financial/accountability framework	

project

SCOPE

OUT OF SCOPE:

local food
dietary choice
food waste
consumption based emissions
biodiversity strategy

IN SCOPE:



The plans will be informed by:

- **technical analysis** by staff and consultants, including:
 - carbon pollution and financial impact modelling
 - economic impact study and cost of inaction study
- **engagement:**
 - public (modest scope)
 - experts, partners and stakeholders
 - intergovernmental and utilities

project

TIMELINE

JAN - JUN 24

INTERNAL ACTION DEVELOPMENT



JAN - APR 24

SCOPE TESTING



SEP - NOV 24

ENGAGEMENT



2024

JAN - MAR 25

ACTION REFINEMENT



2025

MAR - JUN 25

FINALIZE DELIVERABLES



JUL 25

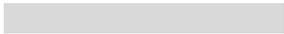
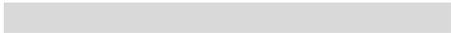
FINALIZE PLAN



project

COUNCIL TOUCHPOINTS

JAN - JUN 24
INTERNAL ACTION DEVELOPMENT



JAN - APR 24
SCOPE TESTING

JUL 23, 2024
COUNCIL MEETING
scope with annual report

SEP - NOV 24
ENGAGEMENT



2024

JAN - MAR 25
ACTION REFINEMENT



2025

MAR - JUN 25
FINALIZE DELIVERABLES

MAR 2025
COUNCIL MEETING
engagement results with
preliminary direction

JUL 2025
COUNCIL MEETING
recommended plan

JUL 25
FINALIZE PLAN





we have
THE OPPORTUNITY...

...to get on track for our carbon pollution targets & better protect residents from climate change-related hazards.

use the most impactful policy levers to directly tackle biggest sources

be transparent about the challenges & seek to address them



we have
THE OPPORTUNITY...

...to clarify the City's role on
climate action within regional,
provincial & federal context.

introduce City-controlled targets/indicators

continue to align work with provincial
& regional climate policies

identify priority advocacy
& collaboration actions



we have
THE OPPORTUNITY...

...to support a smooth, efficient
transition from fossil fuels.

ensure plan doesn't rely
exclusively on electrification

put more emphasis on collaborating with
BC Hydro, removing electrification barriers,
& supporting local energy supply



we have
THE OPPORTUNITY...

...to create a plan that
considers the City's budget.

look for opportunities to
regulate & avoid future costs

clarify expectations for
federal & provincial investment

look for new revenue opportunities



we have
THE OPPORTUNITY...

...to create a plan that
supports affordability.

provide opportunities to
help people save money

build capacity to bring down costs

provide support where
it is needed most



we have THE OPPORTUNITY...

...to achieve our objectives in a way
that doesn't leave people behind.

centre those disproportionately impacted

provide opportunities for all
to have a role in climate action



Taking climate action now means
creating the future we want.

RECOMMENDATIONS

THAT Council direct staff to be guided by the objectives, scope, and process described in this report, as they develop the City's 2026-2030 climate action plans and a financial framework, to reduce carbon pollution and prepare for the impacts of climate change.

THAT Council direct staff to and report back with proposed plans for Council approval by Q3 2025.



QUESTIONS