



Neighbourhood Climate Action Plan

June 2026 | Progress Update



THE UNIVERSITY OF BRITISH COLUMBIA
Campus + Community Planning

Land Acknowledgement

The UBC Point Grey campus is situated within the traditional, ancestral, and unceded territory of the x^wməθk^wə́yəm (Musqueam) people. For millennia, x^wməθk^wə́yəm have been stewards and caretakers of the lands upon which UBC is now located.

These lands are a place of cultural and spiritual learning, welcoming and interacting with visitors to the territory. In pursuit of sustainability, climate action, and climate justice, we understand that they are also a place of learning where the x^wməθk^wə́yəm acquired knowledge of local plants and animals for their enduring wellbeing and ways of thriving with these resources. UBC is working toward building meaningful, reciprocal and mutually beneficial partnerships with x^wməθk^wə́yəm.



Table of Contents

Overview.....1

Dashboard.....2

NCAP Scope Areas Progress.....4

 New Construction & Existing Buildings.....4

 Transportation & Mobility.....5

 Waste, Materials & Consumables.....6

 Ecology.....7

 Climate Emergency Preparedness.....8

 Neighbourhood Infrastructure.....9

NCAP Implementation Updates.....10



Overview

The Neighbourhood Climate Action Plan (NCAP) sets a pathway to a net-zero and climate resilient community for the residential neighbourhoods on the University of British Columbia’s (UBC) Vancouver campus.

NCAP addresses this goal through climate actions in six scope areas. Each scope area includes an overall goal statement, key targets, and actions. The actions detail how NCAP will achieve the overall goal, while the key targets set measurable outcomes by specific dates allowing us to monitor and assess progress.

This report provides a 2026 progress update on NCAP implementation by scope area. The report tracks progress over the past year towards building climate resilience and reducing GHG emissions. Included are summaries of key work and highlighted projects that are advancing NCAP goals.

The progress report supports the NCAP guiding principle of long-term accountability, ensuring visibility of NCAP progress and providing transparency to stakeholders.



Shaped by NCAP’s guiding principles, several co-benefits have been defined that NCAP actions will help deliver. These are:



Affordability

Actions that reduce costs associated with taking climate action.



Community Connection

Recognizing that a connected community is a resilient community, actions that support opportunities for community interaction and connection.



Health & Wellbeing

Actions that improve health and wellbeing conditions for community members.



Climate Leadership

Actions where UBC is leading climate action policy.



Access for All

Actions that make it easier for everyone to access spaces, information, processes or programs.



Academic Connection

Actions that provide opportunity for research connections with UBC’s academic community.

Dashboard

Scope Area	Target	Indicator	Baseline	Target	2025	Notes
New Construction & Existing Buildings	Target 1: Embodied carbon in new buildings is reduced 40% versus baseline building by 2030.	% required reduction	0%	-40% (2030)	-10%	REAP 4.0 requires 10% reduction versus baseline. Absolute benchmark embodied carbon intensity is set at 400 kg CO ₂ e/m ²
	Target 2: At least 50% of homes have active, low carbon cooling by 2030, increasing to 100% before 2050.	% housing units with low carbon cooling	30% (2022)	50% (2030) 100% (2050)	38%	Methodology for tracking cooling retrofits under development.
	Target 3: Building operational emissions are reduced by at least 60% from 2022 levels by 2035. Target 4: All buildings in UBC’s residential neighbourhoods achieve net-zero operational emissions and are resilient to current and future climate conditions by 2050.	tonnes of CO ₂ e per year	14,934 (2022)	-60% (2035) -100% (2050)	15,450 (+2%)	Operational emissions expected to continue to grow with increased developments, until NDES decarbonization.
Transportation & Mobility	Target 1: Per capita transportation emissions are reduced by at least 25% from 2022 levels by 2035.	tonnes CO ₂ e per person per year	0.58 (2022)	-25% (2035)	—	Model inputs (e.g. Regional Transportation Model) are not updated annually. NCAP will update progress against this target aligned with updated input data. NCAP Action TM-8 will explore improved options for monitoring neighbourhood transportation metrics.
	Target 2: UBC neighbourhood contributions to overall campus target of at least 66% of trips to and from UBC made by walking, cycling, rolling or transit.	% mode share by walk, bike, rolling, and transit	50% (2022)	66%	57%	

Scope Area	Target	Indicator	Baseline	Target	2025	Notes
Transportation & Mobility	Target 3: 12% of residents' light-duty vehicles are zero emissions vehicles.	% light-duty vehicles that are ZEV	3.3% (2021)	12%	9.4%	
	Target 4: 100% of trips by UBC neighbourhood residents are made by walking, cycling, rolling, zero emission transit or zero emission vehicles by 2050.	% total mode share by walk, bike, rolling, transit or ZEV	—	100%	—	NCAP Action TM-8 will explore improved options for monitoring neighbourhood transportation metrics. NCAP will update progress against this target aligned with updated monitoring methods.
Waste, Materials & Consumables	Target 1: Per capita waste emissions are reduced by at least 30% from 2022 levels by 2035.	tonnes CO ₂ e per person per year	0.18 (2022)	-30% (2035)	—	NCAP Action WC-3.2 will explore improved options for monitoring neighbourhood waste generation and diversion. NCAP will update progress against this target aligned with updated monitoring methods.
	Target 2: UBC's residential neighbourhoods achieve net-zero emissions from solid waste by 2050.	tonnes CO ₂ e per year	2,771 (2022)	-100% (2050)	—	NCAP Action WC-3.2 will explore improved options for monitoring neighbourhood waste generation and diversion. NCAP will update progress against this target aligned with updated monitoring methods.
Ecology	Target: Pending					Analysis is ongoing that will support defining targets.
Climate Emergency Preparedness	Target: By 2030, at least 50% of homes have active, low carbon cooling, reaching 100% before 2050.	% housing units with low carbon cooling	30% (2022)	50% (2030) 100% (2050)	38%	Methodology for tracking cooling retrofits under development. Current indicator based on whole building cooling availability.
Neighbourhood Infrastructure	Target 1: At least 65% of neighbourhood energy supply is from low carbon sources (electricity or low carbon district energy) by 2035. Target 2: 100% of neighbourhood energy supply is from net-zero sources by 2050.	% low carbon energy	32%	65% (2035) 100% (2050)	32%	Energy supply mix expected to remain fairly constant until NDES decarbonization.

Progress:

New Construction & Existing Buildings

NCAP Progress Update | 2026



Goal

New and existing buildings achieve low carbon, energy efficient operations, incorporate low embodied carbon materials and design, and provide residents with safe and healthy homes that are resilient to the effects of climate change.

Project Highlights

Codes Acceleration Fund (CAF) Project

UBC was awarded a three-year federal Codes Acceleration Fund (CAF) grant that is supporting development of a REAP roadmap for adopting the top steps of the BC Energy and Zero Carbon Step Codes, developing a tiered embodied carbon targets, and increasing resiliency through updated future climate energy modelling and passive design measures. In the past year, the project supported the development of Version 2 of the [UBC Embodied Carbon Guidelines](#), an energy and carbon archetype study that will inform future updates of REAP energy and operational and embodied carbon targets, and other projects needed to support the new embodied carbon requirements in REAP 4.0.

Building Retrofit Communications & Engagement Toolkit

UBC Sustainability Scholar Project

This toolkit aims to support public engagement and communications for low carbon, resilient building retrofits by providing an accessible overview of residential cooling measures available to UBC neighbourhood residents. It includes resources for owners, strata councils and renters; best practices for public communications; and recommendations for future retrofit communication work. Find the final toolkit [here](#).

Key Actions

- **Residential Environmental Assessment Program (REAP)** version 4.0 was approved by UBC's Board of Governors in June 2025. REAP 4.0 includes preconditions (required items) and optional credits applicable to all new developments in UBC's residential neighbourhoods. REAP is the key tool for implementing NCAP actions for all scope areas on new building sites.
- In 2025 REAP 4.0 was recognized with a [Community Energy Association Climate and Energy Action Award](#). The awards recognize projects from municipalities, regional districts, and Indigenous communities across British Columbia that demonstrate local success in climate action.

Progress: Transportation & Mobility

NCAP Progress Update | 2026

Goal

Residents benefit from convenient and reliable transit and an expanded on-campus mobility network (e.g. shared bike programs and cycling infrastructure) that prioritizes active and sustainable modes for people of all ages and abilities. These initiatives better support residents in ensuring they get to where they need to go comfortably and safely, while reducing greenhouse gas emissions.

Project Highlights

Ross Drive DC Fast Charge EV Charging Stations

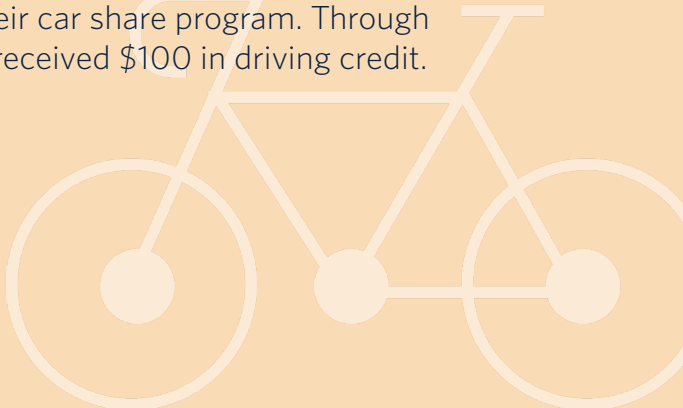
A partnership between UBC, the UNA and BC Hydro saw the installation and opening of three DCFC EV charging stations on Ross Drive in Wesbrook Place Neighbourhood. The costs associated with the project were fully borne by BC Hydro.



Key Actions



- UBC is updating the **Transportation Plan**. The updated Plan's objectives closely align with NCAP, including:
 - Sustainable and Low-Carbon Transportation;
 - Accessibility, Choice, and Equity; and
 - Resilience and Adaptability.
- **UNA** has established semi-regular [Bike Kitchen](#) pop-ups in UBC's residential neighbourhoods..
- Planning is underway to re-launch the **Walk N'Roll** program to support active and sustainable travel to local elementary schools.
- New **Mobi bike-share** station in Wesbrook Place Neighbourhood established with REAP Low Carbon Mobility Fund.
- UBC partnered with **Modo** to provide free memberships to neighbourhood residents for their car share program. Through this agreement, members also received \$100 in driving credit.



Progress:

Waste, Materials & Consumables

NCAP Progress Update | 2026



Goal

Transition towards a zero-waste community by creating opportunities for residents to share, reuse, and repair, supporting the circular economy. Thoughtful building and neighbourhood design, along with community programming, make waste sorting for recycling and organics easy and efficient for all residents and visitors. Construction and demolition practices make efficient use of building materials and optimize their reuse and diversion from landfill.

Project Highlights

Construction Waste Diversion at Theory, Symphony, and Verve

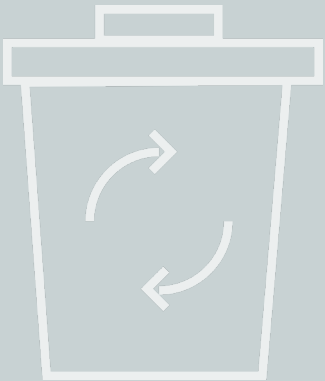
Completed in 2025, the Theory, Symphony, and Verve buildings add 514 new rental units to Wesbrook Place Neighbourhood. As required by REAP, the project developed a Construction Waste Management Plan and prioritized material separation and waste handling procedures to both reclaim reusable construction materials and to redirect recyclable materials back to the manufacturing process. The project reported an overall 85.4% construction waste diversion rate.



Key Actions



- **UNA** hosted a Baby and Toddler Clothing swap in Spring 2026.
- **UNA** and **UBC** have initiated joint-funding to support expanded and ongoing repair and reuse programming.
- **UNA** continued expanding and enhancing the [Green Depot](#) services. New initiatives included:
 - Free table initiative;
 - New Green Bins for afterhours services to counteract dumping;
 - Increased pick-ups; and
 - New digital signage to enhance public awareness.





Goal

Trees, landscapes and other natural assets provide vital ecosystem services to help UBC’s neighbourhoods adapt to a changing climate. Anchored by UBC’s Campus Vision 2050 commitment to understand and incorporate Musqueam values into planning, climate adaptive planting practices support a network of resilient, connected green public spaces, courtyards, and corridors integrated with neighbourhood buildings. Neighbourhood urban ecosystems are well designed to provide welcoming and restorative places for the community to come together and build connections.

Project Highlights

Soils and Planting Technical Study

UBC completed a technical study looking at how to support urban ecosystems for soil and plant health. The study produced a UBC specific Native Planting List. The UBC Native Planting List is a comprehensive list of native plants suitable to UBC’s campus and neighbourhoods. The plant species are classified across a range of traits, from site suitability and growing requirements, to future climate suitability. The list also highlights plants that have been identified as culturally significant to xʷməθkʷəy̓əm (Musqueam) based on ongoing engagement between UBC and Musqueam Nation members.

Urban Heat Island Mitigation – Design Study

SEEDS Research Collaboration 

In collaboration with UBC’s SEEDS Sustainability Program (SEEDS) and students from ENVE 401, an engineering design project was completed on REAP 4.0’s new Urban Heat Island (UHI) Mitigation credit. The project evaluated the design of a current neighbourhood development project against the REAP credit. The team then developed a design package of modifications that, if implemented, would enable the project to earn the REAP credit. The project also evaluated several different modelling tools available for measuring UHI, which provides valuable insights to support future UBC policy development.

Key Actions

- UBC’s **Biodiversity Action Framework** includes actions related to NCAP. This is framed as both protections for natural systems from a changing climate, and ecosystem services that will help UBC be more climate resilient.
- UBC Native Plant List is being shared with partners, such as the UNA, to support resilient plantings in UBC residential neighbourhoods.
- **SEEDS Sustainability Program** research projects were completed to support NCAP policy around ecosystem services and REAP biodiversity, health and wellbeing, and climate adaptation credits.
- **UNA** has developed planting recommendations for local stratas.
- **UNA** is planning for BioBlitz events in Wesbrook Neighbourhood.

Progress:

Climate Emergency Preparedness

NCAP Progress Update | 2026



Goal

Residents are prepared for and well supported during extreme climate events such as heavy rainfalls, windstorms, wildfires and extreme heat. Through expanded resources, infrastructure, and proactive communication, residents feel safe and protected in their communities. Community-led social connectedness programs have strengthened ties between neighbours, creating a more resilient community network.

Project Highlights

FireSmart Landscaping Priority Mapping in Wesbrook Place Neighbourhood

SEEDS Research Collaboration 

In collaboration with UBC’s SEEDS Sustainability Program (SEEDS) and a FCOR 599 student, a project is underway to identify areas in Wesbrook Neighbourhood where FireSmart landscaping measures could be implemented. The project will develop a priority map showing areas where FireSmart landscaping might lower potential risks, as well as a summary of observations from field assessments and recommendations for future maintenance and landscape design. The project is expected to complete in Summer 2026.



Key Actions

- **UBC Emergency Management** updated their Emergency Preparedness [website](#). Aligned with NCAP, the updates provide additional information on climate-related hazards of concern and include highlights on factors that increase vulnerability.
- **UBC** and the **UNA** are collaborating on a new page for the UNA’s website. Designed to complement the UBC Emergency Preparedness website, the web page will include key details on local climate hazards, including who is most vulnerable and what individuals can do to prepare. The new web page should be ready to launch later in 2026.
- **UNA** partnered with **UBC Emergency Management** to deliver recurring personal emergency preparedness workshops.
- **UNA** collaborating with **UBC Emergency Management** on the development and translation of the [UNA Emergency Preparedness Guide](#) into Simplified and Traditional Chinese to support the newcomer community.
- **UNA** completed installation of a shade structure at the splash park at Wesbrook Community Centre in August 2025. The installation was supported by a grant from the Canadian Dermatology Association.

Progress:

Neighbourhood Infrastructure

NCAP Progress Update | 2026



Goal

Water and energy infrastructure servicing UBC’s residential neighbourhoods is resilient and ready to respond to our changing climate. Upgraded systems support climate action and prioritize efficient, affordable and resilient services.

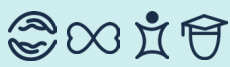
Project Highlights

UBC Integrated Rainwater Management Plan

The updated 2026 Integrated Rainwater Management Plan (IRMP) for UBC’s Vancouver campus establishes a long-term, climate-adaptive framework to address increasing risks from more frequent and intense storm events. The plan integrates resilient green rainwater infrastructure with targeted stormwater network upgrades and ultimately embeds climate risk management into long-term planning, design standards, and phased implementation to improve campus resilience.



Key Actions



- Work continued to support Corix in evaluating decarbonization options for the Neighbourhood District Energy System (NDES). Corix is the owner/operator of the NDES, a centralized energy supply system that has been providing heat and domestic hot water to Wesbrook Place since 2015.

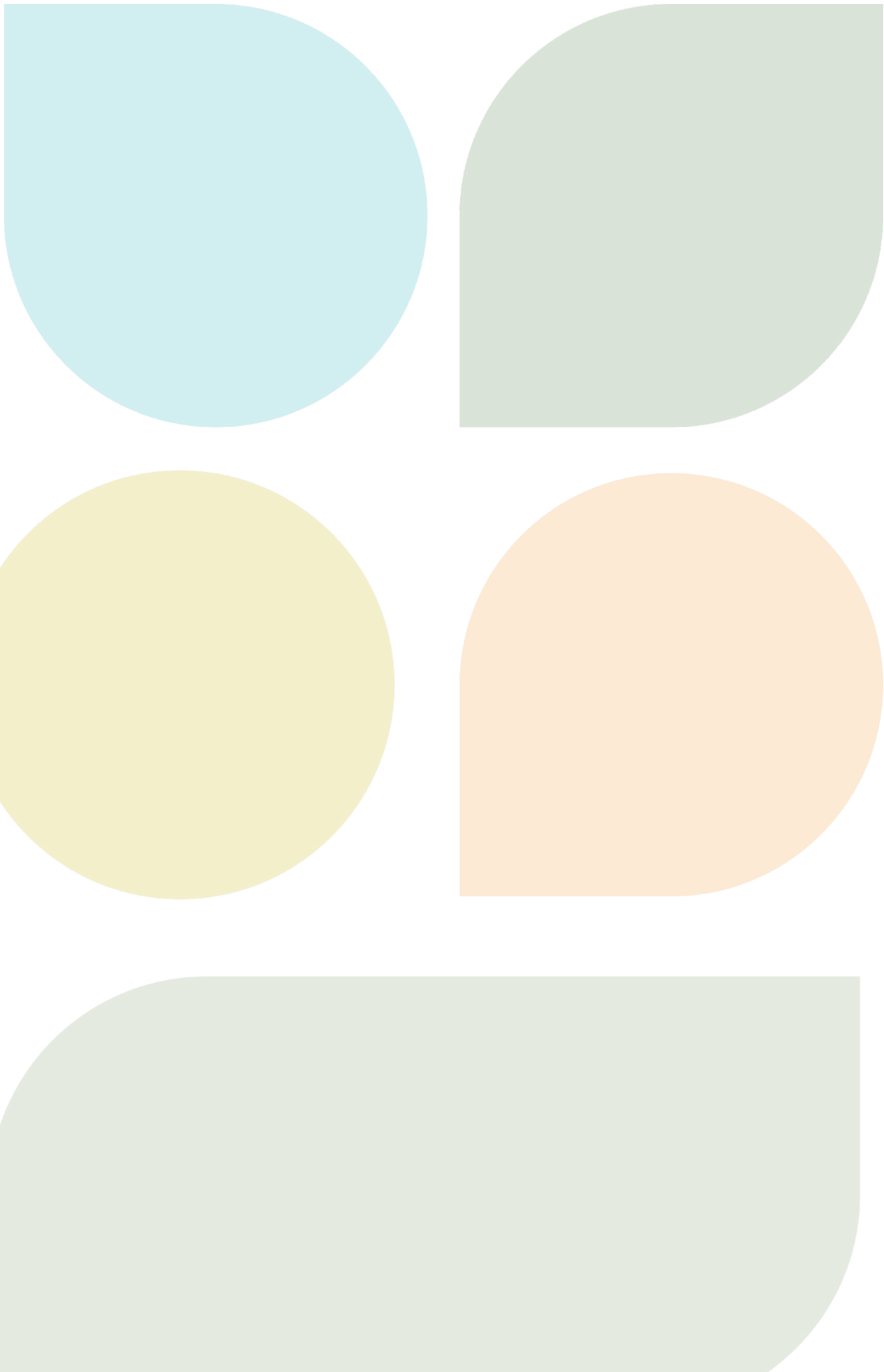
NCAP Implementation Updates

NCAP is a living plan, and will adapt and evolve over time, responding to new information, technologies, and a changing provincial and federal policy landscape. Our approach to implementation reflects NCAP’s guiding principles and be anchored by commitments to:

- Shared responsibility and collaboration
- Climate equity and justice
- Ongoing community dialogue
- Learning and research
- Monitoring and reporting

Some highlights from the past year that reflect these commitments are shared below:

- Continued collaboration with UNA staff, including monthly check-in sessions and UBC-UNA partnerships to deliver climate related community programming. Additionally, the UNA supported the creation of the UNA NCAP Coordinator, a Work Learn position that has supported NCAP related communications at the UNA.
- Equity continues to provide a key lens used to shape NCAP implementation. One example from the past year is a SEEDS project with MGEM students that mapped shade against different vulnerability metrics to identify areas at greater risk.
- Continued relationship with UBC SEEDS Sustainability Program creating academic partnerships for student led research that supports NCAP actions.
- Updated NCAP Progress Update Report prepared to inform the community on key NCAP initiatives. The NCAP Progress Update report will also be shared with UBC’s Board of Governors as part of June Climate Action update reporting.
- Progress against all specific actions in the NCAP Action Matrix has been updated. A detailed chart with current status can be found at <https://planning.ubc.ca/ncap>



Appendices

Neighbourhood Climate Action Plan
June 2026 | **Progress Report**



NCAP Action Matrix

This chart lists progress made on all NCAP sub-actions.
For more details on the ongoing process, please visit <https://planning.ubc.ca/ncap>.



Action ID	Description	Primary Responsibility	Timeline	Current Status
New Construction Primary Action NC-1 : Strengthen building performance requirements to achieve net-zero, resilient new construction.				
NC-1.1	Undertake a study to support development of resiliency requirements (cooling and air quality), adoption of BC Step Code energy and carbon targets, and cooling energy efficiency performance targets in REAP.	UBC	2024-2026	● ● ● ○
NC-1.2	Adopt the BC Zero Carbon Step Code, Zero Carbon Performance Step (EL-4) (2025 timeline target).	UBC	2024-2026	● ● ● ●
NC-1.3	Adopt Step 4 of the BC Energy Step Code for energy efficiency in advance of Provincial requirement.	UBC	2027-2029	Future Work
NC-1.4	Review and update REAP building resiliency requirements (cooling and air quality) and cooling energy efficiency targets to address future climate conditions.	UBC	2024-2026	● ● ● ●
NC-1.5	Review and update REAP on-site energy production and back-up power credits.	UBC	2027-2029	● ● ● ●
NC-1.6	Update building adaptation and resilience measures in REAP.	UBC	2027-2029	● ● ● ●
NC-1.7	Explore and develop potential performance requirements for refrigerant usage in mechanical systems.	UBC	2027-2029	Future Work

Action ID	Description	Primary Responsibility	Timeline	Current Status
NC-1.8	Establish REAP pre-condition restricting combustion-based fireplaces in new construction.	UBC	2024-2026	
NC-1.9	Review policy for natural gas equipment in new construction (e.g. stoves).	UBC	2027-2029	Future Work
NC-1.10	Develop communication materials on health impacts of natural gas equipment in homes.	UBC	2027-2029	Future Work
NC-1.11	Showcase successful new buildings projects from UBC and beyond.	UBC	2027-2029	
Existing Buildings Primary Action EB-1 : Enable retrofits to achieve net-zero, resilient existing buildings.				
EB-1.1	Advocate to Provincial government to adopt policies, programs, and regulations that support net-zero, resilient building retrofits.	UBC	2024-2026	
EB-1.2	Undertake retrofit design study to provide detailed information on retrofit design strategies and lifecycle costs.	UBC	2024-2026	
EB-1.3	Develop regulatory pathway to enable retrofit permitting requirements for decarbonization and resilience.	UBC	2027-2029	Future Work
EB-1.4	Implement permitting requirements for low carbon-only equipment replacement for domestic hot water and space heating systems or connection to low carbon Neighbourhood District Energy System (2030 timeline target).	UBC	2030+	Future Work
EB-1.5	Identify incentive opportunities for heat-pump and electrification retrofits.	UBC	2024-2026	
EB-1.6	Explore potential permit process streamlining and other incentives to encourage accelerated adoption of net-zero, resilient, healthy retrofits.	UBC	2027-2029	Future Work

Action ID	Description	Primary Responsibility	Timeline	Current Status
EB-1.7	Explore approaches to transition existing natural gas fireplaces to low carbon solutions.	UBC	2027-2029	Future Work
EB-1.8	Implement streamlined in-suite heat pump permitting requirements.	UBC	2024-2026	
EB-1.9	Develop plan to facilitate accelerated cooling upgrades in existing buildings.	UBC	2027-2029	Future Work
EB-1.10	Compile summary of global policy and regulations supporting zero-carbon, resilient retrofits.	UBC	2024-2026	
EB-1.11	Develop materials to support strata councils and building owners to complete building retrofits.	UBC	2024-2026	
EB-1.12	Require electricity capacity studies in existing buildings as a pre-condition for providing permits for equipment retrofits.	UBC	2027-2029	Future Work
EB-1.13	Develop demonstration projects to provide examples of retrofit approaches ahead of mandatory requirements.	UBC	2027-2029	Future Work
EB-1.14	Develop retrofit plan.	UBC	2027-2029	
EB-1.15	Evaluate and share learnings from building benchmarking program.	UBC	2027-2029	
New Construction Primary Action NC-2 : Create tiered embodied carbon performance targets for new construction.				
NC-2.1	Undertake a study to support the development of tiered embodied carbon targets.	UBC	2024-2026	
NC-2.2	Develop and update embodied carbon accounting and reporting requirements.	UBC	2024-2026	

Action ID	Description	Primary Responsibility	Timeline	Current Status
NC-2.3	Adopt 10% embodied carbon reduction requirement compared to baseline building and develop tiered target schedule for REAP (2025 timeline target).	UBC	2024-2026	
NC-2.4	Explore adopting a total carbon footprint target for new construction and study the long term pathway to net zero embodied carbon in buildings.	UBC	2027-2029	
NC-2.5	Adopt 40% or greater embodied carbon reduction requirement (2030 timeline target).	UBC	2030+	Future Work
NC-2.6	Develop communication materials for residents on embodied carbon policy.	UBC	2027-2029	Future Work
New Construction Primary Action NC-3 : Support industry adoption of improved embodied carbon performance.				
NC-3.1	Showcase successful projects that demonstrate how to achieve low embodied carbon targets.	UBC	2027-2029	Future Work
NC-3.2	Update prescriptive standards for building materials.	UBC	2024-2026	Superseded
NC-3.3	Utilize submitted lifecycle assessment (LCA) data to support embodied carbon studies.	UBC	2027-2029	
Existing Buildings Primary Action EB-2 : Explore embodied carbon performance targets for existing building projects.				
EB-2.1	Review potential approaches to develop embodied carbon standards for building deconstruction and retrofits.	UBC	2027-2029	Future Work

Action ID	Description	Primary Responsibility	Timeline	Current Status
New Construction Primary Action NC-4 : Improve awareness and processes of UBC's Residential Environmental Assessment Program (REAP) process.				
NC-4.1	Review and develop improvements to REAP process.	UBC	2024-2026	
NC-4.2	Develop clear guidelines to share with developers on upcoming policy in future REAP iterations.	UBC	2024-2026	
NC-4.3	Develop communication materials for REAP that target building owners and community members.	UBC	2027-2029	
Transportation & Mobility Primary Action TM-1 : Support sustainable transportation through neighbourhood design.				
TM-1.1	Prioritize curb space to support sustainable modes where possible in amended and future neighbourhood plans.	UBC	2024-2026	
TM-1.2	Designate curb space to support essential pick-up, drop-off, and delivery activities in amended and future neighbourhood plans.	UBC	2024-2026	
TM-1.3	Preserve adequate rights-of-way for potential future transit and active transportation infrastructure in amended and future neighbourhood plans.	UBC	2024-2026	
TM-1.4	Explore retrofits to existing neighbourhoods to support rights-of-way for future transit and active transportation infrastructure.	UBC	2027-2029	Future Work
TM-1.5	Investigate alternative approaches to supplying resident, customer and visitor parking that meets interim needs while enabling adaptive reuse if/when parking demand declines.	UBC	2027-2029	Future Work
Transportation & Mobility Primary Action TM-2 : Support sustainable, low carbon goods delivery.				
TM-2.1	Investigate policy changes and/or pilot programs that encourage the use of low carbon devices (e.g. cargo bikes) for local / last mile deliveries.	UBC	2027-2029	Future Work

Action ID	Description	Primary Responsibility	Timeline	Current Status
TM-2.2	Explore opportunities to allocate flexible hardscape space in new developments suitable for use by low-carbon delivery vehicles (e.g. cargo bikes).	UBC	2024-2026	
TM-2.3	Design neighbourhood streets and cycling infrastructure to accommodate low carbon deliveries where possible in amended and future neighbourhood plans.	UBC	2024-2026	
Transportation & Mobility Primary Action TM-3 : Expand and enhance active transportation network to, from, and around the neighbourhoods for all ages and abilities.				
TM-3.1	Incorporate accessibility measures into future and amended neighbourhood plans.	UBC	2024-2026	
TM-3.2	Prioritize safe, efficient, and connected cycling infrastructure where possible in amended and future neighbourhood plans.	UBC	2024-2026	
TM-3.3	Prioritize and protect connected greenspaces in amended and future neighbourhood plans.	UBC	2024-2026	
TM-3.4	Incorporate safe, comfortable sidewalk design for users of all ages and abilities in amended and future neighbourhood plans.	UBC	2024-2026	
TM-3.5	Work with UNA to improve accessibility features of existing neighbourhood active transportation networks and public spaces.	UBC	2027-2029	Future Work
TM-3.6	Study ways to improve access to active transportation through equity-oriented programming.	UBC	2024-2026	
TM-3.7	Explore potential to expand UBC's Bike Kitchen programming within existing and future neighbourhoods.	UNA	2024-2026	
TM-3.8	Maintain and review bike parking requirements for New Construction.	UBC	2027-2029	

Action ID	Description	Primary Responsibility	Timeline	Current Status
Transportation & Mobility Primary Action TM-4 : Continue engaging with Translink to expand and enhance transit service to, from and around the neighbourhoods for all ages and abilities.				
TM-4.1	Support and advocate for SkyTrain and other rapid transit expansion to campus including stations within walking distance of neighbourhoods.	UBC	2024-2026	
TM-4.2	Plan for increased frequency and coverage of service for intra-campus transit service in amended and future neighbourhood plans.	UBC	2027-2029	
TM-4.3	Recommend design standards for transit stops that are accessible to all ages and abilities, as well as connected to active transportation networks and shared micro mobility hubs are included in amended and future neighbourhood plans.	UBC	2024-2026	
TM-4.4	Explore options for improving transit affordability for neighbourhood residents.	UBC	2027-2029	
Transportation & Mobility Primary Action TM-5 : Apply a climate resilience and safety lens to the planning and design of streets and other transportation infrastructure.				
TM-5.1	Develop resilience and safety standards for transportation networks to include in future and amended Neighbourhood Plans.	UBC	2024-2026	
TM-5.2	Explore opportunities to retrofit existing neighbourhood transportation networks to improve resilience and safety.	UNA	2027-2029	Future Work
TM-5.3	Ensure a level of redundancy in the transportation network to ensure multiple means of access and egress in the event of disruptions or emergencies.	UBC	2027-2029	Future Work
TM-5.4	Continue support for community led active / sustainable mobility initiatives.	UNA	2024-2026	

Action ID	Description	Primary Responsibility	Timeline	Current Status
Transportation & Mobility Primary Action TM-6 : Expand shared mobility within UBC’s residential neighbourhoods (e.g. bike share, e-bike share, car share, other micro mobility programs).				
TM-6.1	Ensure neighbourhood development includes allocation of space and provision of electricity for shared mobility programs.	UBC	2024-2026	
TM-6.2	Complete study into neighbourhood transportation preferences to understand factors influencing shared mobility uptake.	UBC	2027-2029	Future Work
TM-6.3	“**NEW ACTION** Continue ongoing partnerships (e.g. Modo), programming and infrastructure to support expansion of share mobility	UBC	2027-2029	
Transportation & Mobility Primary Action TM-7 : Support and enable the transition to zero emission vehicles (ZEV).				
TM-7.1	Review EV requirements for New Construction and update as needed.	UBC	2024-2026	
TM-7.2	Develop plan to support retrofits for ZEV charging infrastructure within existing buildings.	UBC	2027-2029	Future Work
TM-7.3	Undertake planning to support expansion of public EV charging network.	UBC	2024-2026	
TM-7.4	Provide increased access to public and/or dedicated charging stations for car-share or ride hailing vehicles.	UBC	2024-2026	
Transportation & Mobility Primary Action TM-8 : Explore options for local monitoring of neighbourhood transportation metrics.				
TM-8.1	Complete study to explore how to track neighbourhood transportation patterns and emissions.	UBC	2027-2029	Future Work

Action ID	Description	Primary Responsibility	Timeline	Current Status
Waste, Materials & Consumables Primary Action WC-1 : Support the UNA in establishing community zero waste initiatives.				
WC-1.1	Enable sharing for infrequently used items (e.g. tool share, camping/ outdoor equipment, party supplies).	UNA	2027-2029	Future Work
WC-1.2	Create and expand community hubs to support consignment and re-use (e.g. community yard sale).	UNA	2024-2026	
WC-1.3	Create programming designed to support repair (e.g. clothing, bicycles, electronics, etc.).	UNA	2024-2026	
WC-1.4	Explore options to support UNA programming for community zero waste initiatives.	UBC	2024-2026	
WC-2.1	Support and facilitate awareness and behavioral change campaigns on waste diversion and waste reduction.	UNA	2024-2026	
WC-2.2	Expand and enhance UNA Green Depot.	UNA	2027-2029	
WC-2.3	Review and, where feasible, strengthen requirements for waste separation and disposal facilities in new neighbourhood buildings through future REAP updates.	UBC	2027-2029	Future Work
WC-2.4	Review recycling and organics service in existing residential properties.	UBC	2027-2029	Future Work
WC-2.5	Support and expand public waste sorting and disposal infrastructure.	UNA	2030+	Future Work
WC-2.6	Explore expansion of community recycling facilities (e.g. planned South Campus recycling facilities).	UBC	2030+	Future Work

Action ID	Description	Primary Responsibility	Timeline	Current Status
WC-2.7	Adopt improved target in REAP requiring buildings to prepare and implement a Waste Management Plan that diverts 90% (by weight) of construction and demolition waste from landfill.	UBC	2027-2029	Future Work
WC-2.8	Review and, where feasible, strengthen construction and demolition standards in future REAP updates to reduce and eventually eliminate disposal of any reusable, compostable, or recyclable materials.	UBC	2030+	Future Work
WC-2.9	Advocate and support improvements to recycling processes (e.g., Extended Producer Responsibility programs, Canada Plastics Pact).	UBC	2024-2026	∞
Waste, Materials & Consumables Primary Action WC-3 : Improve local monitoring of waste generation and diversion.				
WC-3.1	Complete study to explore how to track construction and demolition waste.	UBC	2027-2029	Future Work
WC-3.2	Complete study to explore how to better track residential waste generation and diversion for ongoing monitoring.	UBC	2027-2029	Future Work
Waste, Materials & Consumables Primary Action WC-4 : Support development of community resources around consumption choices (e.g. food, air travel).				
WC-4.1	Explore potential research projects to support reduction on consumption based emissions.	UBC	2027-2029	Future Work
WC-4.2	Gauge public interests and develop resources to support reduced impact through consumption choices.	UNA	2027-2029	Future Work
Neighbourhood Infrastructure Primary Action NI-1 : Convert the Neighbourhood District Energy System to low carbon energy supply.				
NI-1.1	Update Neighbourhood District Energy System Infrastructure Agreement.	UBC	2024-2026	

Action ID	Description	Primary Responsibility	Timeline	Current Status
NI-1.2	Explore options to improve affordability of thermal energy supply from the Neighbourhood District Energy System for neighbourhood residents.	UBC	2024-2026	
NI-1.3	Develop communication materials for residents on how the Neighbourhood District Energy System is decarbonizing and supporting climate action.	UBC	2027-2029	Future Work
Neighbourhood Infrastructure Primary Action NI-2 : Work with BC Hydro to initiate upgrades to electrical supply based on NCAP actions.				
NI-2.1	Coordinate and plan for future neighbourhood electricity demand among various stakeholders.	UBC	2024-2026	
NI-2.2	Develop policies to support energy demand management.	UBC	2024-2026	
Neighbourhood Infrastructure Primary Action NI-3 : Explore embodied carbon performance targets for neighbourhood infrastructure projects.				
NI-3.1	Review potential approaches to develop embodied carbon standards for neighbourhood infrastructure projects.	UBC	2027-2029	Future Work
Neighbourhood Infrastructure Primary Action NI-4 : Update Integrated Rainwater Management Plan to consider climate adaptation.				
NI-4.1	Include future climate projections in rainwater modelling.	UBC	2024-2026	
NI-4.2	Identify adaptive green rainwater infrastructure that responds to seasonal variability and future climate conditions.	UBC	2024-2026	
NI-4.3	Develop performance targets for rainwater management.	UBC	2024-2026	
NI-4.4	Develop communication materials on how our rainwater systems are helping UBC's neighbourhoods adapt to our changing climate.	UBC	2027-2029	Future Work

Action ID	Description	Primary Responsibility	Timeline	Current Status
Ecology Primary Action ES-1 : Integrate ecosystem services throughout neighbourhood planning to address climate action.				
ES-1.1	Analyze baseline seasonal shading in neighbourhoods.	UBC	2024-2026	
ES-1.2	Explore and test nature based urban design solutions to address urban heat island effect and building cooling energy demand.	UBC	2024-2026	
ES-1.3	Explore planning and design tools, such as policies and guidelines, for amended and future Neighbourhood Plans to prioritize tree retention and increased tree planting in support of climate action.	UBC	2024-2026	
ES-1.4	Explore and establish performance targets relating to neighbourhood shade coverage.	UBC	2027-2029	Future Work
ES-1.5	Explore how to quantify biological carbon sequestration from natural systems to support overall net zero emissions targets.	UBC	2027-2029	Future Work
ES-1.6	Identify opportunities to increase biodiversity and ecosystem services at site scale through future REAP updates.	UBC	2024-2026	
ES-1.7	Identify opportunities to support integration of ecosystem services for climate action into neighbourhood planning through amended and future Neighbourhood Plans.	UBC	2030+	Future Work
Ecology Primary Action ES-2 : Develop a climate resilient planting guidelines.				
ES-2.1	Develop a planting and soils guideline for amended and future Neighbourhood Plans that reflects the local ecological context and that supports resilient plants for future climate conditions.	UBC	2024-2026	

Action ID	Description	Primary Responsibility	Timeline	Current Status
ES-2.2	Develop demonstration projects to pilot, monitor, and assess emerging approaches to climate resilient plantings and the soils that support them.	UBC	2027-2029	Future Work
ES-2.3	Explore policy to implement findings from climate resilient plantings demonstration projects.	UBC	2027-2029	Future Work
ES-2.4	Review and update biodiversity credits to include climate resilient planting guidelines at site scale through future REAP updates.	UBC	2024-2026	
ES-2.5	Develop resources for community members to support climate resilience and biodiversity.	UNA	2024-2026	
Ecology Primary Action ES-3 : Support the UNA in developing sustainable landscape practices.				
ES-3.1	Support the UNA on sustainable landscaping practices.	UBC	2024-2026	
ES-3.2	Collaborate and share information to support climate resilient replanting in the public realm.	UBC	2027-2029	
Ecology Primary Action ES-4 : Support development of UBC’s Biodiversity Strategy.				
ES-4.1	Include future climate projections in scoping for Biodiversity Strategy.	UBC	2024-2026	
ES-4.2	Develop actions to address climate impacts to natural systems in neighbourhoods.	UBC	2024-2026	

Action ID	Description	Primary Responsibility	Timeline	Current Status
Climate Emergency Preparedness Primary Action CP-1 : Develop resources, programming, and infrastructure to enable response before, during and after extreme heat and other emergency climate events.				
CP-1.1	Develop resources to share information on emergency cooling spaces with residents.	UNA	2024-2026	
CP-1.2	Coordinate efforts to expand public spaces for emergency cooling.	UNA	2027-2029	
CP-1.3	Explore options to accelerate resilient HVAC upgrades to Old Barn Community Centre.	UNA	2027-2029	
CP-1.4	Develop communications materials to educate and prepare residents for extreme heat and other climate emergency events.	UNA	2024-2026	
CP-1.5	Review and look to strengthen UNA emergency event procedures.	UNA	2024-2026	
Climate Emergency Preparedness Primary Action CP-2 : Develop resources, programming, and infrastructure to enable response before, during and after local wildfire events.				
CP-2.1	Review and ensure Fire Smart Principles are included in future and amended Neighbourhood Plans.	UBC	2024-2026	
CP-2.2	Explore options to incorporate FireSmart design into future REAP updates.	UBC	2024-2026	
CP-2.3	Explore options (e.g. infrastructure, landscaping) to address any existing neighbourhood areas with high risk for wildfire events at forest / urban interface.	UBC	2027-2029	Future Work
CP-2.4	Develop communications materials to educate and prepare residents for local wildfire events.	UNA	2024-2026	

Action ID	Description	Primary Responsibility	Timeline	Current Status
CP-2.5	Develop a comprehensive local emergency response plan for local wildfire events.	UBC	2027-2029	Future Work
Climate Emergency Preparedness Primary Action CP-3 : Strengthen social connectedness and resilience within neighbourhood communities.				
CP-3.1	Deliver emergency preparedness workshops that are rooted in social connectedness.	UNA	2027-2029	
CP-3.2	Develop toolkits and other resources to support community building focused on addressing climate action.	UNA	2027-2029	Future Work
CP-3.3	Expand and develop programming to facilitate community-led initiatives.	UNA	2027-2029	Future Work
CP-3.4	Explore opportunities to streamline processes and increase resources, grants, supplies, and equipment for social connectedness activities.	UBC	2027-2029	Future Work
CP-3.5	Review and, where feasible, strengthen REAP credits on place and experience to support building design for social connection through future REAP updates.	UBC	2027-2029	
CP-3.6	Study impact of social connectedness on climate emergency response.	UBC	2027-2029	Future Work
NZ-1.1	Coordinate with CAP2030 action planning team to align definitions and approach.	UBC	2027-2029	Future Work
NZ-1.2	Explore options to integrate embodied carbon emissions into community emissions accounting.	UBC	2024-2026	
NZ-1.3	Research sequestration options to achieve netzero community emissions.	UBC	2027-2029	Future Work

Net-Zero Primary Action NZ-1 : Define pathway to net-zero community emissions.				
Action ID	Description	Primary Responsibility	Timeline	Current Status
NZ-1.1	Coordinate with CAP2030 action planning team to align definitions and approach.	UBC	2027-2029	Future Work
NZ-1.2	Explore options to integrate embodied carbon emissions into community emissions accounting.	UBC	2024-2026	
NZ-1.3	Research sequestration options to achieve netzero community emissions.	UBC	2027-2029	Future Work

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