

# Opportunity Windows for Youth Engagement in Climate-related Initiatives

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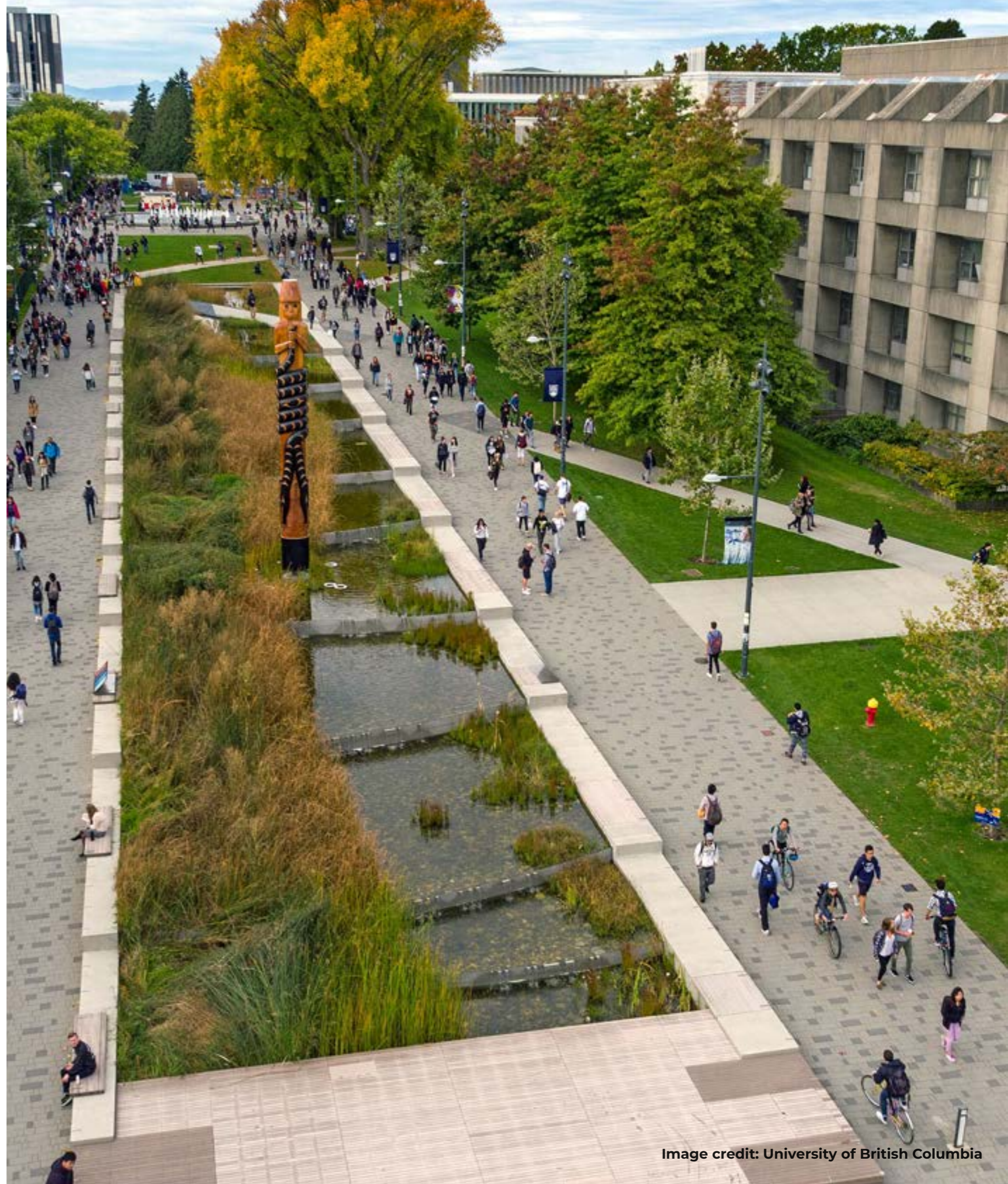


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This project was conducted under the mentorship of CityHive staff. The opinions and recommendations in this report and any errors are those of the author and do not necessarily reflect the views of CityHive or the University of British Columbia.

I would like to acknowledge that the writing of this report took place on the traditional, ancestral and unceded territory of the Musqueam, Squamish and Tsleil-Waututh Nations. I am grateful for the ability to carry out my research on and about these lands and recognize that a more resilient and adaptive future is a decolonized and Indigenized future.

I would also like to acknowledge all those who have guided and supported me through the course of this research: Karen Taylor (Sustainability Scholars), Rowan Gentleman-Sylvester (CityHive), and the entire CityHive staff. In addition, I thank all the community groups and municipal staff who provided both their time and invaluable insights.





# Executive Summary

Cities worldwide are currently grappling with significant challenges, ranging from housing unaffordability and homelessness to the pressing realities of climate change. These interconnected crises demand immediate attention and decisive action for effective resolution. Within this landscape, youth emerge as a group uniquely vulnerable to these challenges, while also holding remarkable potential to devise groundbreaking solutions. However, youth confront substantial barriers in their efforts to shape local decision-making processes. Despite their desire for active engagement and involvement in local politics, they often encounter limited access to channels that would allow them to positively contribute towards addressing urgent urban, environmental, and social issues.

In light of these barriers, CityHive is trying to transform the way young people are engaged in shaping their cities and in civic processes. To do so, CityHive has implemented various programs to provide youth with opportunities to learn more about civic processes and local institutions, put forward innovative solutions to pressing local issues, and ultimately bring about institutional change. These programs consist of workshops, events, and cohort-based programs where youth can collaborate with city staff, elected officials, and community-based organizations, with the aim of learning and providing their input on various challenges.

Given the importance of creating place-based and relevant programming that speaks to local issues and challenges, a Sustainability Scholar was retained by CityHive to identify municipal and non-municipal opportunity windows for youth engagement in local climate action. The project has two primary outputs: a living inventory of municipal climate-related initiatives and a living inventory of community organizations that, although not focusing directly on climate and sustainability challenges, are trying to implement climate-related initiatives. To achieve this goal, the Scholar conducted a detailed online search of municipal climate action and local organizations active in Metro Vancouver, in order to identify potential opportunities for youth engagement. The findings of this preliminary research informed questions for semi-structured interviews with City staff and local community groups. Data collected through interviews complemented and deepened the knowledge gained through the preliminary desk research.

The project's outputs aim to benefit CityHive future cohorts and local municipalities in Metro Vancouver. An overview of existing climate-related initiatives offers immediate knowledge benefits for CityHive to tailor its programs to current local priorities. This project benefits youth throughout the region, providing them with the opportunity to engage with local politics and put forward innovative solutions. Metro Vancouver municipalities also benefit from this project, since a youth-engaged city is a resilient, sustainable, and livable city - not only for young people, but for all current and future generations.



Image credit: CityHive

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# Introduction

Existing studies have demonstrated the pivotal role cities can assume as experimental hubs for climate and sustainability initiatives, effectively functioning as dynamic living laboratories (Bulkeley and Betsill 2013, Bulkeley and CastánBroto 2013, Annica Kronsell and Dalia Mukhtar-Landgren 2018). Solutions achieved at the local level can be effectively replicated and upscaled and potentially catalyze systemic change when implemented in other contexts (ibid). Meaningful community engagement becomes crucial for fostering a thriving urban environment, as it allows for the identification of solutions that consider the preferences and needs of local residents (Wesley and Ainsworth, 2018). However, many groups face significant barriers to engagement and thus remain excluded from civic processes. These groups are often pre-

cluded from accessing the channels that would allow them to provide their contribution to decision making. Barriers to access can take various forms, ranging from lengthy travel distances to the venue, unfamiliarity with the institutional language employed, and a dearth of information regarding the engagement session itself (Wheeler, 2016).

Youth is one of the groups that, although often wanting to be informed and engaged in local issues, are seldom consulted by municipalities, and lack the ability to shape civic processes. Nonetheless, research has shown that youth's perspective is critical to tackle complex issues and cities that engage young people are generally more resilient, sustainable, and livable (Fang et al. 2023, Pittman et al. 2011).

CityHive is a Metro Vancouver-based nonprofit organization founded precisely with the aim of transforming the way young people shape their cities and the civic processes that engage them. Originally conceived by Veronika Bylicki and Tessica Truong in 2017, CityHive has grown over time, expanding to a team of 10+ youth staff. In seven years, CityHive has successfully implemented hundreds of programs and projects centered around youth, resulting in transformative changes to youth engagement practices and fostering increased civic participation. Many of these programs are delivered in collaboration with Metro Vancouver municipalities and other local nonprofit organizations.

CityHive's programs encompass three key categories. The first category is civic education programs, which comprise workshops, events, and cohort programs where youth have the opportunity to learn about their city directly from local decision makers and leaders. The second category, climate action programs, acknowledges the urgency of climate change and provides workshops, innovation lab programs, and collaborative spaces where youth can come together to address local climate challenges. Lastly, CityHive offers consulting services to municipalities and other organizations seeking to develop effective engagement processes specifically tailored for youth.

Given the resistance encountered by many cities in enacting and implementing climate-related plans and policies, CityHive's programs centered

around climate action assume particular significance. Residents who show up at City Council meetings often represent specific demographics that are not necessarily representative of cities, making youth participation central in delivering creative solutions towards a more sustainable urban environment.

CityHive's climate action urban innovation labs and knowledge-to-action leadership programs present youth with a specific, pressing climate action or climate justice issue to work on. For this reason, it is vital for CityHive to develop a thorough understanding of the main challenges facing local municipalities and organizations, in order to deliver programs where youth can make a real difference.



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The objective of this research is thus to inform strategic development of these climate action programs by identifying upcoming municipal and non-municipal opportunity windows for youth engagement in the next 1-2 years. More specifically, the project conducts a comprehensive assessment of the climate initiatives undertaken by each municipality in Metro Vancouver, with the aim of gaining insights into their forthcoming priorities.

Additionally, a living inventory will be developed, encompassing non-profit organizations whose missions may not be directly aligned with climate issues but express an interest in exploring climate-related challenges. This second objective would allow CityHive to provide support to those organizations and collaborate with them on climate-related issues in the near future.



Image credit: CityHive

# Positionality



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This project is the result of the work of a Scholar at the University of British Columbia, undertaken over a period of three months.

As a graduate student enrolled in one of the most prestigious Universities in North America, I recognize that I undoubtedly come from a position of privilege. It is crucial to state that while this project aims to contribute at eliminating the barriers that youth, especially vulnerable and disadvantaged youth, face in accessing local institutions, I come to this project in a privileged position, which has previously allowed me to access, as a white European-born scholar, those very institutions that CityHive is attempting to transform.

I thus acknowledge that I might not be able to fully understand local dynamics of exclusion and oppression as they affect equity-deserving youth in the Lower Mainland. I am currently in the process of continuously learning and unlearning, with the hope of creating a future of justice, equity, diversity, decoloniality, and inclusion for all.

# Phase I: Municipal Climate-related Initiatives

## Methodology

Identifying upcoming priorities for municipal climate action is crucial for CityHive to design programs, workshops, and events that reflect local needs and allow youth to address real-world challenges.

For this reason, a thorough review of climate- and sustainability-related initiatives in Metro Vancouver's municipalities was conducted. Given the limited time available to conduct the investigation, not all municipalities in the region were analyzed.

Rather, municipalities were prioritized on a scale from 1 to 3 (where 1 equals "low potential for opportunity windows" and 3 equals "high potential for opportunity windows" - for youth engagement). The process of prioritizing was conducted in consultation with CityHive team according to several criteria. Higher priority was given to municipalities that CityHive identified as likely partnership potential, with significant youth populations, and with substantial overall population. Moreover, some municipalities were prioritized due to existing partnerships that can be leveraged for future work. On the other hand, medium and lower priority municipalities were mostly smaller, with fewer existing relationships with youth engagement or CityHive's initiatives. It is important to note that by classifying some Metro Vancouver municipalities in lower priority groups, by no means we intend to downplay the role that these municipalities play

in advancing climate action in the region. Rather, such classification is purely procedural and helpful when it comes to the delivery of a complex project like the one undertaken. Municipalities that were not identified as priorities in this project might be the focus of attention in the future, as CityHive strengthens its relationships with municipal staff and expands its outreach to youth located in various Metro Vancouver areas.

Given the significant number of initiatives undertaken by each municipality over time, we decided to introduce some inclusion and exclusion criteria, in order to only consider initiatives that might represent meaningful opportunities for future youth engagement. The first criteria considered was time, both in terms of year of implementation and expected timeline for implementation.

We decided to only include initiatives that were approved and in effect no longer than 5 years ago, namely in 2019. This year is especially important for Metro Vancouver municipalities, because it represents the year when many cities in the region declared a Climate Emergency, following the powerful wave of protests initiated by FridaysForFuture. Moreover, we decided to solely focus on initiatives with activities anticipated to occur within the next 1 to 3 years.

The second criteria selected was relevance of engagement. By relevance of engagement, we refer specifically to the type of activity advanced by the municipality. In particular, the following question was considered: "does the initiative provide a meaningful opportunity to engage with a pressing climate-related issue?". As an example, consider a hypothetical monthly visit to the local natural science museum organized by city staff in a certain municipality. Although it is really important for youth to gain knowledge on local biodiversity, a museum visit does not necessarily provide youth with the opportunity to make an actual difference.

During a museum visit, young people might feel like passive participants and easily become uninvolved.

Conversely, if a municipality is engaging its community in forest restoration, such activity would consist in a meaningful engagement opportunity for youth, in that they could actively participate in enhancing local biodiversity.

### BOX 1. Defining Municipal Initiatives

**STRATEGY:** a high-level, long-term approach or framework designed to achieve specific goals or objectives. It involves analyzing the current situation, identifying challenges and opportunities, and outlining a roadmap for action.

**PLAN:** a detailed proposal that outlines specific actions, steps, and measures to be taken in order to achieve defined objectives. Plans provide a more specific and comprehensive framework for implementing a strategy.

**PROGRAM:** set of coordinated activities, projects, and interventions aimed at achieving specific outcomes, usually within a specified time frame. They are typically designed to address specific issues or meet particular needs.

**PROJECT:** temporary endeavor undertaken with a defined beginning and end, usually with the aim of achieving a certain purpose or result. It could be part of a broader program or plan.

**POLICY:** formal statement or guideline outlining principles, rules, and objectives governing a specific area of activity, usually legally binding. In the urban context, policies are usually rules, regulations, and bylaws established by the local government - elected officials - in charge.



Utilizing these criteria, various climate and sustainability-related initiatives were identified for each municipality within each priority group. Initiatives were classified as strategies, plans, programs, projects, or policies (See Box 1). A comprehensive inventory of upcoming climate-related activities was compiled through thorough desk research, primarily utilizing municipalities' websites as the main source of information. This enabled the creation of a dynamic and up-to-date repository of past, ongoing and planned initiatives (see Appendix A).

For municipalities classified as a high priority, all climate initiatives identified on municipal websites were added to the living inventory, including those not responding to our inclusion criteria.

Although adding all initiatives identified to the repository, only the most relevant ones (namely, those reflecting our criteria) were eventually pinpointed as opportunity windows for youth engagement. This was meant to ensure an accurate and comprehensive representation of the landscape of initiatives implemented by these municipalities to tackle climate change. As for medium and lower priority municipalities, only the most relevant initiatives were included in the final assessment.

In the following sections, 3 of the most relevant initiatives advanced by each municipality are described. For each municipality, the most relevant Plan or Strategy - usually, the one guiding all other existing projects and programs - is briefly explored,

### MAP 1 Metro Vancouver Region

Image credit: Metro Vancouver



Image credit: Unsplash

in order to provide a general overview of the main sectors and issues upon which local governments are focusing on.

Again, it is worth noting that the initiatives described below might not necessarily represent the main priority for the municipalities considered. For instance, the section below might explore plans that municipalities do not consider crucial

to their climate strategy. Nonetheless, the list provided still consists of a general, valuable overview of local climate-related initiatives that CityHive can refer to when developing its climate-related programs in the near future.



## High Potential for Opportunity Windows

### CITY OF BURNABY

#### 1. CLIMATE ACTION FRAMEWORK

Burnaby's Climate Action Framework was approved by Council in March 2020, following the city's declaration of a climate emergency in September 2019. The framework aims at supporting the city of Burnaby in its transition away from fossil fuels, in order to reach carbon neutrality by 2050. In the Framework, 7 Big Moves are identified as key transition components to accelerate climate action and achieve Burnaby's net-zero target: 1. Climate Leadership; 2. Resilient Neighborhoods; 3. Healthy Ecosystems; 4. Accelerated Mode Shift; 5. ZE Vehicles; 6. ZE Buildings Net Zero New; 7. ZE Buildings Retrofits. Although the Framework does not report any specific project or program advanced by the City of Burnaby, it identifies some "quick start" actions to ensure progress with each Big Move.

#### 2. EDMONDS TOWN CENTRE CYCLING NETWORK

Edmonds Town Centre Cycling Network project was adopted in response to Big Move 4 ("Accelerated Mode Shift"), as part of Burnaby's Transportation Plan, "Connecting Burnaby". Although the project has a strong infrastructure component - namely improvements to cycling routes that enhance safety for people walking, rolling, and cycling - public engagement is strongly encouraged by the City. Given that youth frequently lack access to cars and must rely on alternative transportation modes, gathering feedback from young residents becomes particularly crucial. Furthermore, youth could potentially mobilize other residents and encourage them to bike more by advocating for a "bike to work Friday", or similar initiatives. Various types of improvements to the cycling network are possible, including protected bike lanes, neighborhood bikeways, and multi-use pathways, but for the City to make the best decisions, feedback is needed.

#### 3. EDMONDS TOWN CENTRE COMMUNITY PLAN

Edmonds Town Centre Community Plan is a community plan currently under development for the Edmonds neighborhood, located in Southeast Burnaby. The Plan aims at establishing a general policy direction to build a sustainable, resilient, and diverse community. The Edmonds Town Centre Community Plan, similarly to other plans currently underway in the City (see Royal Oak and Cascade Heights Urban Village Neighborhoods), was adopted in response to Big Move 2 ("Resilient Neighborhoods"). Related to these initiatives, the City of Burnaby is also renewing its Official Community Plan, a framework that guides the city's future growth and shapes the way current and future challenges will be addressed. Supporting young residents to envision and shape the future of their community holds exceptional significance, as they will directly witness the outcomes of today's plans and projects. For this reason, it is important for organizations like CityHive to partner with local municipalities and ensure that young voices are included in the planning process.

#### SUMMARY AND CONCLUSION

As mentioned, the list of initiatives provided is far from being comprehensive. More projects, programs, and plans can be found in Appendix A. In general, this research found that the City of Burnaby is focusing on active transportation and on building diverse, sustainable, and resilient communities. This is reflected in initiatives such as the New Sidewalks Program, Lakefield Drive Active Transportation Improvement, and BC Parkway Enhancement Project. Additionally, the City of Burnaby is also in the process of creating a Food System Strategy. All these initiatives require community engagement and especially the voices of young people, both in the planning process and, even more so, in the implementation phase.



# CITY OF NEW WESTMINSTER

## 1. COMMUNITY ENERGY AND EMISSIONS PLAN 2050 (CEEP 2050)

New Westminster's Community Energy and Emissions Plan 2050 was approved in October 2022 as an update to the old CEEP plan and it sets a net-zero emission goal for the City by 2050. The Plan focuses on emission reduction actions in 5 sectors: 1. Transportation; 2. Buildings; 3. Energy; 4. Waste and Circular Economy; 5. Natural Systems. For each of these sectors, a set of actions is identified and could be leveraged by City-Hive to develop some of its programs. Although many action items identified for each sector do not allow for significant youth engagement (e.g., improve the Zoning Bylaw and implement the Regional Greenway), some (e.g., allowing community members to better monitor and assess their energy use through net metering, or delivering educational programs around waste) could represent significant opportunity windows.

## 3. FOOD SECURITY ACTION PLAN (UPDATE)

The City of Westminster is currently in the process of updating its Food Security Action Plan. By adopting a food justice lens, the Plan is aimed at ensuring that everyone has equitable access to food that is affordable, culturally preferable, nutritious, and safe. In the first phase of the project, which was conducted in the first quarter of 2023, city staff engaged with residents facing food security challenges, in order to identify barriers to accessing food and potential strategies to address them. More engagement opportunities are coming up in the next few months, and the City is encouraging residents to share their stories. Rising living costs and escalating rents have a disproportionate impact on youth, forcing them into difficult tradeoffs where they must choose between housing, healthcare, food, and other basic needs. In such an unstable situation, it becomes crucial for young individuals to offer input to local institutions and potentially establish a new connection with our food systems.

## 2. ALL AGES AND ABILITIES ACTIVE TRANSPORTATION ACTION PLAN

The AAA Transportation Network Plan was approved in September 2022, with the aim of updating the 2015 City's Master Transportation Plan and enabling active transportation as a safe, comfortable, and convenient mobility option. The Plan aims at pursuing 2 specific goals: achieve 60% sustainable transportation mode share by 2030 and reallocate at least 10% of the city's streets to sustainable transportation or public gathering spaces by 2030. To do so, the plan outlines some support initiatives. While many of these initiatives involve infrastructural change, their success ultimately depends on the behavior of end-users. For instance, for the effective implementation of an e-bike sharing program, partnerships with e-bike companies are crucial, but equally important is building a culture of bike sharing and ridership. Community engagement, and youth engagement more specifically, can be valuable ways to achieve these goals.

## SUMMARY AND CONCLUSION

When it comes to the City of New Westminister, this research mostly identified strategies and plans, but just a few projects and programs. An example of a project would be the Urban Solar Garden, which was launched in 2018, or the EV Charging readiness program, a policy implemented in 2019 to expand EV charging stations in the City. These programs do not offer many engagement opportunities for young residents, but youth could still play an important role when it comes to advocating for more of these initiatives to be implemented across the City.



# CITY OF NORTH VANCOUVER

## 1. CLIMATE AND ENVIRONMENTAL STRATEGY (IN PROGRESS)

The City of North Vancouver is developing a Climate and Environmental Strategy to achieve net zero emissions by 2050. The strategy will be focused on natural areas and biodiversity; new and old buildings; complete communities and transportation; and zero waste. While there will be engagement opportunities for community members in the coming months, the Strategy's real significance lies in its potential for CityHive to pinpoint specific action items, if present, that could serve as opportunity windows for youth engagement. Up to this point, community engagement has prompted city staff to take into account several critical factors while formulating the Strategy. These include the impact of extreme weather events on the unsheltered population, stream and riparian projects, educational food programs, and incentives for promoting active and public transportation. CityHive can utilize this valuable information as a foundation to create potential youth engagement activities in the future.

## 3. LIVING CITY GRANT

As previously mentioned, young people often face challenges in influencing local climate change initiatives due to limited resources. Providing youth with access to essential resources, including financial support (funding), can empower them to make a meaningful impact. One such opportunity is the Living City Grant, an annual grant ranging from \$1,500 to \$3,000, offered by the City of North Vancouver to non-profit and community groups for community-based sustainability projects. With the support of CNV, CityHive could assist a cohort of young individuals in North Vancouver, enabling them to collaborate with local groups interested in applying for this grant. Through this partnership, youth participants could gain valuable knowledge on the application process. This program would be specifically designed for young individuals who are already engaged but aspire to take further steps and deepen their understanding of how they can actively contribute to positive change in their community.

## 2. GO CNV!

GoCNV is a community-oriented initiative aimed at promoting active transportation and transit utilization within the City of North Vancouver. This program offers various forms of support and incentives to residents who wish to engage more with their neighborhood by incorporating walking, cycling, and transit trips into their daily routines. By signing up for GoCNV online, residents can receive a welcome package and gain access to informative resources throughout the program. The initiative aims to reduce reliance on driving and encourages participants to explore alternative modes of transportation like walking, biking, or using public transit. Participants can earn prizes by tracking their trips and engage in various activities to stay motivated. While the first pilot program was delivered in 2018 in the Central Lonsdale East neighborhood, the City of North Vancouver is planning on conducting another pilot in different neighborhoods. CityHive could partner with CNV to get youth involved. Involvement of young individuals in the pilot program can be facilitated through various activities, such as community awareness campaigns and organizing bike-to-work days.

## SUMMARY AND CONCLUSION

The City of North Vancouver provides numerous opportunities for community engagement, and these initiatives can greatly benefit youth, particularly when it comes to initiatives in the transportation sector. While some programs, like the Strata Energy Advisory program and Energy Metering Lending program, focus on supporting community members in the building sector, they may be targeted primarily at specific groups like homeowners, making youth involvement challenging. However, there are other promising avenues for youth engagement, such as community clean-up projects and park stewardship programs. These activities offer excellent opportunities for young individuals to participate in fun activities while fostering their connection to the environment they inhabit and increasing awareness about local biodiversity. By actively participating in these initiatives, youth can gain valuable experiences and build a deeper understanding of their local community and its ecological significance.



# DISTRICT OF NORTH VANCOUVER

## 1. OFFICIAL COMMUNITY PLAN (OCP)

The District of North Vancouver approved the Official Community Plan (OCP) in July 2021, aligned with the vision outlined in the 2011 Official Community Plan. While the OCP encompasses various objectives, it emphasizes the importance of addressing the climate emergency as one of its four key focus areas. Within the plan, eight priority actions have been identified to accomplish its targets, with four specifically making substantial contributions towards achieving the climate emergency goal:

1. Low-carbon Town and Village Centres that deliver compact and diverse housing, transportation choices, and supportive public amenities and employment space;
2. Infrastructure and service improvements;
3. Resiliency of natural and built environments to adapt to a changing climate;
4. GHG emission reductions from buildings, transportation, and waste.

For each priority action, the plan further suggests various activities that will help the District achieve its targets. Implementing activities can be found in Appendix IV and they can be used by CityHive to better understand the types of activities that will be implemented by the District in the next few years.

## 2. NORTH SHORE COMMUNITY FOOD CHARTER

While not exclusively initiated by the District of North Vancouver, the North Shore Community Food Charter stands as a remarkable example of collaborative efforts among municipalities, First Nations, local organizations, and community members in devising an innovative tool to guide and implement food policy. The impact of food production and consumption extends beyond carbon dioxide emissions, encompassing vital considerations of equity and culture. A growing number of young individuals envision a future city where locally sourced and sustainable food practices prevail, and waste generation is minimized. CityHive should further explore the vision put forth in the Community Food Charter and seek opportunities for youth engagement in the District's future plans to implement and advance the principles outlined in the Charter.

## 3. URBAN TREE CANOPY

The Urban Tree Canopy project was initially designed to focus on residential property owners, with the aim of enhancing the urban forest cover within the District. In 2022, the program's scope was broadened to include apartment or condo dwellers, who were offered the opportunity to receive a plant or shrub for their balconies. Recognizing the significance of urban canopy cover as a vital adaptation and mitigation measure, particularly in response to the escalating occurrences of summer heat domes, involving the community in establishing a diverse and thriving urban tree canopy aligns with multiple objectives. This initiative aims to address both climate resilience and ecological enhancement for the benefit of the community. Moreover, if implemented with a deliberate focus on equity, it has the potential to bridge the disparity between neighborhoods with limited urban canopy cover and those benefiting from abundant green spaces. Having youth participating in these initiatives, either raising awareness about the project among residents, or helping their fellow community members with mobility impairments and other challenges planting the trees, could be incredibly beneficial, both in terms of achieving climate goals and community building.

## SUMMARY AND CONCLUSION

The District of North Vancouver offers many Plans and projects where feedback and participation from community members are encouraged. Many initiatives are related to the preservation of healthy ecosystems within the jurisdiction, while others are aimed at encouraging active transportation by improving infrastructure and nudging behavioral change. The District often partners with other organizations and institutions to deliver its climate-related programs, which represents a great opportunity for CityHive to engage with more than one partner simultaneously and potentially bring about greater change.



# CITY OF RICHMOND

## 1. COMMUNITY ENERGY AND EMISSIONS PLAN 2050

The City of Richmond's Community Energy and Emissions Plan 2050 (CEEP 2050) is a document guiding the City towards the achievement of net zero emissions by 2050 from 2007 levels. The Plan outlines eight strategic directions that the City will focus on in order to achieve carbon neutrality within the next 30 years. Focus areas include buildings, transportation, the creation of complete communities, the enhancement of green infrastructure, and the transition to a circular economy. For each strategic area, a summary of action items in support is provided. In turn, for each action item, several implementation pathways are identified. Although not included in this report, implementation pathways are a useful resource for CityHive to identify future projects where youth can be involved. A summary of implementation pathways can be found at the end of the CEEP report.

## 3. THE RICHMOND FOOD RECOVERY NETWORK

The Food Recovery Network is an initiative resulting from a partnership between the City of Richmond and FoodMesh, a non-profit created to help other organizations address the issues of food waste and food insecurity. From November 2019 to November 2020, 59 farmers, businesses, and charities were involved in the network and were able to exceed their waste diversion goals. Maintaining these partnerships and engaging youth in the Food Recovery Network could allow for even more ambitious targets to be reached, as young residents can bring their creativity and innovative ideas to the table. Food recovery is one of the ways the City of Richmond is implementing its Circular City Strategy, which was approved in April 2023 to guide the city towards a 100% circular economy by 2050.

## 2. RICHMOND GREEN AMBASSADOR PROGRAM

The Richmond Green Ambassador (RGA) program is an initiative by the City of Richmond in partnership with the school district. The program provides high school students with numerous chances to engage in sustainability-related initiatives through networking and volunteering opportunities. There are various volunteering options available to youth, such as taking part in a monthly symposium where they can actively discuss and address environmental issues, or contributing to the planning and organization of the Richmond Earth Day Youth (REaDy) Climate Summit. Other options include participating in a city beautification program aimed at removing invasive species and managing recycling stations during community events. The Green Ambassador program could be leveraged by CityHive and the City of Richmond to provide more opportunities for youth engagement as the City implements its climate and community plans.

## SUMMARY AND CONCLUSION

The City of Richmond is implementing many programs in order to reduce its greenhouse gas emissions and achieve carbon neutrality by 2050. Other than the focus on food waste and local production, the City is also trying to reduce its emissions from the transportation and energy sectors. A vast majority of the programs offered in these areas, however, either involve infrastructural change or engage property owners. As climate change intensifies, further community engagement, especially youth engagement, will be increasingly crucial for the City to reach its climate goals.



# CITY OF SURREY

## 1. CLIMATE CHANGE ACTION STRATEGY

The City of Surrey is currently in the process of developing a new Climate Change Action Strategy to reach carbon neutrality by 2050. Although the Strategy has not been officially disclosed, a climate action framework comprising six priority areas has been identified. The priority areas are the following: Resilient 15-Minute Cities, Safe Zero-Carbon Transportation, Resilient Zero-Carbon Buildings, Climate-Positive Resilient Ecosystems, Bold City Leadership, and Resilient Energy and Zero Waste Systems. To develop the Strategy, the City invited residents to share their feedback through multiple surveys and open houses. Results of the engagement session can be found in a Community Engagement Summary Report. CityHive could use the report to explore more in detail the types of climate solutions that residents would more likely support. For instance, an engagement survey found that a vast majority of the population would like to live in a 15-minute neighborhood, but they are concerned about the implications that climate action might have on affordability. Understanding people's concerns and priorities could help CityHive design programs that truly reflect their preferences.

## 3. SALMON HABITAT RESTORATION PROGRAM

Surrey's Salmon Habitat Restoration Program (SHaRP) is an initiative for post-secondary and high school students who are interested in enhancing biodiversity conservation in their communities through the restoration of salmon habitat. Students are first provided with the chance to acquire knowledge about methods for improving fish habitat through classroom activities, which they subsequently apply practically in the field. Additionally, participants host various events and activities to raise awareness in the community and share their knowledge about salmon conservation. CityHive could provide support to this project by involving youth cohorts interested in biodiversity conservation. As climate change negatively impacts our cities and neighborhoods, establishing a connection with the land that hosts us and with the other species we share it with becomes a crucial initial step in recognizing the significance of what is at stake.

## 2. ENVIRONMENTAL EXTRAVAGANZA

Surrey's Environmental Extravaganza is a series of environmental programs that are offered each year in Spring, hosted in collaboration with community partners. The programs offer residents a unique opportunity to connect with the land and discover native species, explore trails and parks, and celebrate birds and other pollinators. CityHive could become a community partner and engage local youth in events that help communities understand the value and importance of the natural environment surrounding them.

## SUMMARY AND CONCLUSION

The City of Surrey offers many opportunities to engage local communities in climate action and awareness activities. Surrey is especially attentive to local biodiversity, with initiatives such as Demonstration Gardens and Pollinator Projects. Additionally, the City is increasingly focusing on long-term plans to reduce GHG emissions, like Surrey City Energy and the Corporate Emissions Action Plan. Recently, the City has introduced a Sustainability Dashboard, with the aim of supporting the implementation of the Sustainability Charter. The Dashboard could be useful for CityHive to track Surrey's progress to tackle climate change and identify areas where support might be needed.



# CITY OF VANCOUVER

## 1. CLIMATE EMERGENCY ACTION PLAN

The Climate Emergency Action Plan (CEAP) followed the City of Vancouver's Declaration of a Climate Emergency in 2019. With its focus on six Big Moves targets, it provides a comprehensive framework for addressing climate change in the City. Big Moves are the following: Walkable, Complete Neighborhoods; Active Transportation and Transit; Zero Emission Vehicles; Zero Emission Space + Water Heating; Low-Carbon Materials + Construction Practices; and Restored Coasts + Forests. While the Plan was approved a few years ago, 2024-2025 are going to be important implementation years for many policies outlined in the Plan. CityHive could refer to CEAP's indicators framework, which includes a full set of action items, equity milestones, and outcome indicators, for the development of future programs. The implementation framework can be found in the Plan.

## 3. URBAN HEAT ISLAND EFFECT MAPS

In partnership with the University of British Columbia and Simon Fraser University, the City of Vancouver started to complete Urban Heat Island Effect maps, with the aim of better understanding heat risks across the city and exploring options for cooling in buildings. A canopy cover mapping was also completed by the City, in order to identify and prioritize areas with fewer trees. As climate change causes more frequent and intense heat wave events, it is fundamental for cities to adapt to high temperatures and for residents to learn how to protect themselves from the heat. The involvement of youth is crucial not only in raising awareness about heat preparedness but also in offering assistance during extreme weather events. CityHive has the potential to facilitate the acquisition of necessary knowledge and skills by supporting youth in their efforts to provide relief and support to community members during these occurrences.

## 2. CITIZENS COOLKIT ON CLIMATE CHANGE AND URBAN FORESTRY

The City of Vancouver supports the "Citizens Coolkit" on Climate Change and Urban Forestry, a program led by UBC's Collaborative for Advanced Landscape Planning (CALP). The toolkit is designed for community members seeking to initiate discussions about climate change with their neighbors and actively involve them in activities to reduce their carbon footprint and make their neighborhoods more resilient to climate impacts. Residents and community groups can organize block parties or informal gatherings to start these conversations. The climate toolkit includes a comprehensive list of activities, but CityHive has the potential to provide training for youth, enabling them to develop better skills in engaging their peers and fellow community members effectively.

## SUMMARY AND CONCLUSION

The City of Vancouver has recently implemented many high-level plans and strategies to tackle climate change, both in terms of mitigation and adaptation (see, for example, Vancouver's Climate Change Adaptation Strategy, or RainCity Strategy). Big Moves and Action Items included in these frameworks can be useful for CityHive to better understand where to focus their efforts when developing future programs. Implementation of these plans is crucial for the City to achieve its ambitious climate goals and youth involvement will prove especially valuable in this phase.



# Medium Potential for Opportunity Windows

## BOWEN ISLAND

### 1. CLIMATE ACTION STRATEGY AND COMMUNITY ENERGY AND EMISSIONS PLAN

Bowen Island's Climate Action Strategy was approved in 2020 and it represents a strategic framework to reach carbon neutrality by 2050. The Strategy highlights ten key areas of focus and potential actions for each. While it would be useful for CityHive to refer to this Strategy when exploring options for future programming, Bowen Island has also introduced a Community Energy and Emissions Plan (CEEP), which outlines actions for decarbonization in more detail. The CEEP is a detailed plan drafted with the aim of better implementing the Island's Climate Action Strategy. CityHive should refer to Appendix A in the Community Energy and Emissions Plan to further explore implementation details pertaining to infrastructure, policy and regulation, and engagement and outreach.

### 2. CLIMATE CONVERSATIONS

Bowen Island has launched an initiative called "Climate Conversations" to enhance residents' understanding of climate action-related topics. These workshops, held approximately every two months, have served as a platform for community members, council representatives, and speakers to actively participate in discussions on climate matters within the municipality. Although these conversations have been ongoing until 2021, the current status of the initiative is not explicitly mentioned on Bowen Island's website. Local youth could play an important role in spurring these discussions and disseminate relevant information about topics of their choosing.

Image credit: Unsplash

## CITY OF COQUITLAM

### 1. ENVIRONMENTAL SUSTAINABILITY PLAN

The City of Coquitlam's Environmental Sustainability Plan (ESP), approved in 2022, provides a strategic framework to achieve the city's sustainability goals. The Plan focuses on five main themes: Climate Action; Built Environment; Waste Management; Water Management; and Natural Areas, Wildlife, and Habitats. For each theme, some action items and an approximate timeline for implementation is provided. CityHive could draw on these implementation action items to design its upcoming programs and provide support to the City of Coquitlam in engaging local youth in some of these activities.

### 2. CLIMATE ADAPTATION STRATEGIC PLAN

The Climate Adaptation Strategic Plan was approved by the City of Coquitlam in 2020, to better understand how to manage climate change impacts on infrastructure, services, and the community. The Plan considers droughts, wildfires, heatwaves, drinking water shortages, coastal flooding, inland flooding, and storm events as climate risk events and identifies a series of actions needed to prepare. While some actions require infrastructural interventions by the City (e.g., develop capital works to reflect sea level rise), others necessitate the support of community members (e.g., promote community and home gardens). CityHive could further explore these action items when designing its future programming.

Image credit: Wikimedia Commons



## CITY OF DELTA

### 1. COMMUNITY ENERGY AND EMISSIONS PLAN (UPDATE)

The City of Delta's Community Energy and Emissions Plan (CEEP) Update will represent the City's framework to reduce greenhouse gas emissions in the community, while making sure to achieve other community priorities, like well being and equity. While community engagement is still ongoing, with the Plan expected to be presented to Council at the end of the year (2023), the City of Delta has already identified five priority areas: electrify transportation; shift beyond cars; step up new buildings; retrofit existing buildings; and close the loop on waste. Once officially approved, CityHive could use this Plan as a guideline to understand what the City's priorities are. Moreover, if made available, community engagement results could represent an equally valuable resource for CityHive to design its programs around young residents' climate-related concerns.

### 2. FREE SUSTAINABLE WORKSHOPS

Free Sustainable Workshops are an initiative by the City of Delta for residents to learn more about gardening and green living and, ultimately, create a more sustainable and resilient community. Multiple workshops are offered each month and facilitated by local instructors. Examples of workshops available to residents are "Planting to attract Pollinators" and "Resilient Gardens - Surviving Drought, Heat, Storms, and Cold". CityHive could play a role in either getting more youth to participate in or deliver the workshops. Initiatives like the Free Sustainable Workshops are important to provide residents with practical, engaging, and accessible information about local biodiversity. .

Image credit: City of Delta

## CITY OF LANGLEY

### 1. OFFICIAL COMMUNITY PLAN

The City of Langley's Official Community Plan (OCP) was adopted in November 2021 and it provides a vision for the creation of a complete and inclusive community. Although not merely focusing on climate and sustainability-related initiatives, the Plan includes two sections that clearly contribute to emissions reduction and climate preparedness, namely active transportation and other solutions to fight climate change. For each focus area, some policy directions are provided. CityHive could explore those to identify upcoming opportunities for youth engagement. For reference, strategies are summarized at the end of the document, in the "Regional Context Statement".

*Note to reader: no other relevant climate-related initiatives were identified for the City of Langley. This does not necessarily reflect a lack of interest or engagement with climate initiatives by the City. Rather, the City's website could be slightly outdated, or more Plans and projects could be currently underway. Reaching out to City staff could provide a better overview of the climate-related initiatives pursued by the City of Langley.*

Image credit: Unsplash



## TOWNSHIP OF LANGLEY

### 1. CLIMATE ACTION STRATEGY

The Climate Action Strategy was approved by the Township of Langley in 2021, with the aim of reducing greenhouse gas emissions by 45% by 2030 and reaching carbon neutrality by 2050. To do so, the Plan outlines five Big Moves and more than 140 action items. The following Big Moves are considered: Safe and Sustainable Transportation; Zero Emission New Buildings; Zero Emissions Existing Buildings; Zero Emission Corporate Operations; and Resilient Natural Systems. Action items can focus on either mitigation or adaptation, or both, and they can have a short (1-2 years) or medium (3-6 years) start timeframe. CityHive can use this information to prioritize key climate-related areas for its future programming to focus on. Similarly to other cities' Plans, some action items are only pertinent to city staff and municipal engineering departments, but others could benefit from the support of community members, especially youth.

### 2. CLIMATE AMBASSADORS

The Climate Ambassadors program is part of the education and outreach components of the City of Langley's Climate Action Strategy. Climate Ambassadors are community members committed to helping their fellow residents better understand climate change-related issues and potential solutions. Each climate ambassador focuses on one of the key areas included in the Climate Action Strategy and they deliver the information in different neighborhoods. The Climate Ambassadors program could be supported by CityHive youth cohort. CityHive could train youth to deliver engagement and information sessions to residents and young community members could focus on their strategic area of interest and host educational workshops on their preferred topic.

## CITY OF MAPLE RIDGE

### 1. STRATEGIC TRANSPORTATION PLAN

The Strategic Transportation Plan represents an updated version of Maple Ridge's previous Transportation Plan, and it was approved in July 2022. This new plan outlines strategies and actions aimed at enhancing the city's transportation system, focusing on seven key themes: complete communities, key corridors, walking/rolling, cycling, transit, driving/goods, and new mobility. Notably, the action items specified in the plan often pertain to particular corridors or neighborhoods, making them highly tangible and relevant to the community. CityHive has the opportunity to utilize these action items as a basis for designing programs directly aligned with the Plan's objectives. While it is true that a significant portion of the action items proposed by the Plan primarily pertain to engineering and physical urban form, and thus may not necessitate extensive community involvement, there are specific items that are particularly open to residents' active engagement. As an example, action item 3.1.3 proposes a collaboration with public agencies and institutions to prioritize the introduction of new infrastructure for pedestrians in areas with the greatest need. In this context, youth can play a crucial role in facilitating communication between different institutions and stakeholders, enabling the City of Maple Ridge to gain a deeper understanding of residents' priorities concerning active transportation.

### 2. GREEN INFRASTRUCTURE MANAGEMENT STRATEGY

Maple Ridge's Green Infrastructure Management Strategy serves as a roadmap to effectively integrate green infrastructure into various aspects of decision-making, including municipal operations, capital projects, area plans, and development design practices. Green infrastructure plays a crucial role in both mitigation of and adaptation to climate change and it provides various opportunities for community engagement, ranging from the creation of community gardens to the enhancement of local biodiversity. CityHive could consider partnering with the City of Maple Ridge to have its youth cohort design a green infrastructure urban design charrette and determine residents' preferences.



## CITY OF PITT MEADOWS

### 1. OFFICIAL COMMUNITY PLAN

The City of Pitt Meadows' Official Community Plan, approved in September 2022, sets a shared vision, goals, and objectives for community development in the future. Although the Plan is not merely concerned with climate-related issues, a few areas of focus might be of interest to CityHive: environment and natural areas; transportation; climate and energy; and hazard and emergency management. In each area of focus, specific objectives are identified, and corresponding policies in support of these objectives are outlined. CityHive can utilize these policy proposals as a starting point to engage in conversations with City staff and enlist the support of youth in implementing these policies.

### 2. ACTIVE TRANSPORTATION REVIEW

The City of Pitt Meadows is actively working on its Transportation Plan Update, with the aim of enhancing its active transportation network and fostering walkable and cyclable communities. While the public engagement opportunities for providing feedback to the Plan are currently closed, CityHive should keep monitoring the Plan's progress. Once officially approved, CityHive can promptly reach out to Pitt Meadows' City staff, since the Plan is likely to contain valuable information on future opportunity windows and potential for youth engagement.

## CITY OF PORT COQUITLAM

### 1. CLIMATE ACTION PLAN

The City of Port Coquitlam is currently in the process of developing a new Climate Action Plan, which will replace and update its 2010 Corporate and Community Climate Action Plan. Although specific details of the plan are yet to be revealed, it will encompass community actions in various areas to aid the City in achieving its greenhouse gas emission reduction targets. Additionally, the Plan will identify key partnerships for climate action planning and implementation. CityHive has the opportunity not only to explore the City's proposed actions but also potential partnerships, particularly with community groups. By collaborating with these organizations, CityHive can strengthen capacity building and work towards even more ambitious climate goals.

### 2. GREENER CITY

Greener City, an initiative launched by the City of Port Coquitlam, aims to involve residents in fulfilling the city's environmental commitments. Through volunteering, residents can join activities such as planting new trees and removing invasive plants within other community members. Initiatives like Greener City play a pivotal role in community building and demonstrate that climate action can be enjoyable and come in different forms. Youth can play a significant role in bolstering these programs by offering their unique contributions and educating residents about local biodiversity and the significance of forging a closer connection with the land we inhabit.



## CITY OF PORT MOODY

### 1. 2020 CLIMATE ACTION PLAN IMPLEMENTATION FOR 2023 AND 2024

The 2020 Climate Action Plan Implementation for 2023 and 2024 is a policy document outlining the main steps that the City of Port Moody should follow in order to reach the Plan's targets. This document is especially important to CityHive, because it provides a general overview of upcoming opportunity windows for youth engagement. Additionally, it indicates the main areas where objectives have been achieved and those where more support might instead be needed. For each activity listed, the document also indicates which ones might necessitate more public engagement and residents' feedback. For instance, Action 19 is specifically tailored to the public, as it plans to create an education campaign to increase awareness of zero-emission vehicle options. CityHive could better explore these opportunities and collaborate with Port Moody to involve more youth in the implementation phase of the Climate Action Plan.

### 2. TRANSPORT MOODY

The City of Port Moody is currently updating its Transportation Plan, in response to the climate targets set in the 2020 Climate Action Plan. Once approved, this document will provide CityHive with a clear overview of the main initiatives that Port Moody is planning to implement in the near future when it comes to transportation. The City of Port Moody acknowledges that reducing emissions coming from transportation will require ambitious collective action, spurred by both individual and behavioral change. Youth can be at the center of such massive change, as they have the willingness and creativity to envision alternative urban systems, where active transportation modes are prioritized.

Image credit: Unsplash

## CITY OF WEST VANCOUVER

### 1. STEWARDSHIP GROUPS

Local residents in the City of West Vancouver can get involved in environmental stewardship and take action to preserve the local natural environment. Actions that community members can take vary, ranging from invasive species removal and tree canopy protection to habitat box installations for bees and bats. With more than 140 parks, West Vancouver offers many opportunities for residents to connect with the land and the natural spaces surrounding them. CityHive could support this program by getting more youth to participate as volunteers. Young individuals who are usually not involved in local issues and do not necessarily know how to help advance climate action at the local level might find this initiative captivating, as it offers an enticing opportunity to get involved and participate.

Image credit: Unsplash

## CITY OF WHITE ROCK

### 1. OFFICIAL COMMUNITY PLAN

The City of White Rock's Official Community Plan (OCP), approved in July 2021, does not merely address climate and environmental issues. Rather, it provides a broad vision to guide future planning decisions and shape the community. "Sharing the streets", namely making walking more accessible, and "Live and Play in Green Spaces" are two of the main guiding principles of the Plan, indicating that active transportation and the preservation and enhancement of tree canopy cover are a priority. Land use, transportation, and environmental management are, in turn, three of the 13 goals set by the OCP. A thorough exploration of each goal is included in the Plan. CityHive could refer to the specific policies highlighted in the document for each goal to better identify future opportunity areas for youth engagement.

Image credit: Unsplash



# Conclusion

In the initial phase of the research on municipal climate-related initiatives, I conducted desk research on Metro Vancouver municipalities' official websites. This resulted in the identification of a wide variety of plans, strategies, programs, projects, and policies, which are summarized in a spreadsheet that can be found in Appendix A.

The objective of this project phase was to identify specific opportunities for CityHive's youth cohorts to provide support to cities implementing those initiatives. However, it proved challenging to find municipal projects where direct youth engagement was feasible. The majority of municipalities' efforts related to climate and sustainability focused on high-level plans or infrastructural changes that did not include plans for community engagement.

Nevertheless, CityHive can utilize these high-level resources to develop its own programs based on the information gathered from municipal websites. This can be done by aligning its programs with cities' priority areas or major plans approved in various municipalities.

By doing so, CityHive can support cities in the implementation of climate-related efforts and make a meaningful impact in the community.

It is relevant to notice that, for some municipalities in Metro Vancouver, such as the village of Anmore, no climate-related initiative was identified. However, this does not necessarily imply the absence of such initiatives or a lack of interest in addressing climate change challenges. Instead, it could

simply suggest that these cities have not updated their websites, or that climate-related initiatives were communicated through other channels outside of the municipality's websites.

In the second stage of the research on municipal climate-related initiatives, interviews with city staff were conducted, in order to further explore potential opportunity windows for youth engagement. The results of this stage are summarized in the next section.





# Phase 1.1: Interviews with Municipal Staff

## Interview Phase

Researching upcoming opportunity windows for youth engagement on municipalities' official websites yielded valuable insights, offering CityHive potential information to shape future climate action programs. However, this strategy presented significant limitations. Websites are not always up-to-date, and pertinent initiatives might only exist in strategic plans, internal documents, or ongoing discussions within municipal departments. Such information might not be publicly shared, particularly if initiatives are in early stages. Moreover, while some initiatives were identified as potential collaboration opportunities with municipalities, they may not be as viable as initially thought, or they may not represent a priority.

For these reasons, semi-structured interviews were conducted with city staff involved in climate- and sustainability-related initiatives. The interviews aimed to achieve two primary objectives. The first objective was to determine whether the initiatives identified in the initial research phase truly held significance as priorities for municipalities, potentially presenting opportunity windows for CityHive to support local governments achieve their climate objectives through upcoming programs for youth. Secondly, recognizing that certain climate programs and projects might still be in their early stages and not yet shared with the

public, the interviews sought to gain a more comprehensive understanding of forthcoming municipal initiatives, thereby expanding on the findings of the initial research stage.

Municipalities categorized as having a "high likelihood of partnership" were all contacted, whereas we decided to connect with just a select few from the "medium likelihood of partnership" group. Relevant city staff email addresses were sourced from online platforms, such as municipalities' official websites, or obtained through existing contacts previously established by CityHive with various municipal departments.

Interview questions focused on two key areas: upcoming priority initiatives related to climate and sustainability action, and the potential for community engagement, particularly involving youth, with those initiatives. The interview script is provided in Box 2.

Ultimately, a total of five interviews were conducted with the following municipalities: City of North Vancouver, City of Richmond, City of Vancouver, City of Coquitlam, and Township of Langley. In the following section, a summary of the main findings from each interview with city staff is provided.

### BOX 2. Interview Questions for Municipal Staff

**Q:** For my notes, can you share your name, role, and how your work relates to climate action or sustainability projects?

**Q:** Could you describe some of the climate- and sustainability-related initiatives that are coming up or that are being implemented in the near future?  
**Prompt if needed:** What project(s) are most looking forward to?

**Q:** Where do you see potential for community (and especially youth) engagement and support?

**Prompt if needed:** We work with youth who want to get involved with climate action and sustainability projects. Do you see ways to involve youth in your upcoming projects?



### CITY OF NORTH VANCOUVER

During our interview with the City of North Vancouver, valuable insights emerged regarding potential opportunities for collaboration in climate action. The interviewee suggested examining the **Council Strategic Plan** to identify upcoming priority initiatives related to sustainability and climate. Although the plan has not yet been presented to city staff, it is expected to be delivered soon and it will contain the most up-to-date information about Council's priorities for the near future.

Regarding the climate-related initiatives already identified in the initial research, the interviewee confirmed that the **Climate and Environmental Strategy (CES)** serves as the most current information shared with the public and will officially be presented to Council in August 2023. This strategy provides a valuable resource for CityHive to identify upcoming priorities and engage with City Council and staff to explore potential opportunities for youth involvement.

Related to the CES, and to the upcoming **Mobility Strategy**, the **Community Wellbeing Strategy** might also provide a good starting point for CityHive to further explore the City of North Vancouver's climate-related initiatives. Although not directly linked to climate, it aligns with climate goals by encompassing aspects such as reduced commutes and increased green space utilization through walking and cycling.

Opportunities mentioned in the interview extended to initiatives offering **rebates and incentives** for transitioning to cleaner energy sources. For example, the "**Jump on a Heat Pump**" program, initiated by the provincial government, allows residents to install heat pumps in their homes at subsidized prices. Similar programs focused on **electric vehicles** provide rebates for households installing charging infrastructure, while the City has undertaken studies to develop charging infrastructure in multifamily housing. Additionally, the City is currently reviewing its **zoning bylaws** to encourage density near transit networks. This policy initiative falls under the **Official Community Plan**.

When it comes to youth engagement opportunities, the interviewee stressed the importance of involving youth in all city initiatives, as young residents tend to be underrepresented in local issues. Feedback that city staff hears on local initiatives is mostly coming from older generations, especially in areas like mobility, with active transportation often being opposed by older residents due to issues like fear of increased congestion and of loss of parking spaces. To tackle this, in the first planning stages of the CES the City of North Vancouver designed a tailored engagement strategy for youth, **collaborating with the school district** to increase youth involvement. As CityHive also offers some programs related to youth engagement in schools, this may represent a good opportunity to support the City in the development of a comprehensive engagement strategy for students.

The ongoing update of the **Mobility Strategy** by the city's transportation department also presents a potential opportunity window for youth engagement. The interviewee recommended that CityHive connect with someone in the transportation team to provide advice and support in engaging youth.

In addressing climate change, the interviewee highlighted the significance of focusing on **transportation and buildings**, the most carbon-intensive sectors in the City. Engaging youth in meaningful conversations with other residents about these areas is crucial.

Lastly, the City's upcoming update of the **Official Community Plan** presents an opportunity for youth to articulate their vision for the future, especially as housing is increasingly expensive and many young people are forced to leave the City due to lack of multifamily dwellings.





## CITY OF RICHMOND

Our interview with the City of Richmond proved highly informative, revealing initiatives not previously identified through website searches.

The City of Richmond places significant emphasis on engaging the community, particularly school children, in climate-related initiatives. For instance, the "**Engaging Artists**" program involves local artists supporting elementary school students in creating artwork on pressing community issues. In 2022, the program focused on "responding to crises," with students discussing the Covid emergency, earthquakes, and wildfires. Local artists guided students in designing maps, puppets, and drawings, culminating in a gym exhibit. The City intends to continue the program, exploring the possibility of using theater as a tool for youth engagement.

Young students and the community participate in events like the **Public Works Open House**, showcasing the work of the engineering and Public Works department. The event "Water on Wheels", tailored to primary school students, offers bus tours to different pump stations, where youth can interact directly with City engineers. Similarly, "Project Wet" educates youth on the City's water usage and conservation practices.

High school students interested in civic work can engage in a program that allows them to learn about the work of various City departments. The program culminates in a **mock council meeting** where students can experience firsthand how

local governments' decision making processes work.

Similar to this initiative, some youth interested in climate organized and ran a **Climate Action Conference** in 2022. Although being extremely successful, the initiative was discontinued. This could represent an opportunity for CityHive to provide support to students interested in replicating this initiative in the future.

Residents in Richmond can provide feedback to the City through the platform "**Let's Talk Richmond**." Since the majority of feedback received by the City comes from older adults, more targeted engagement sessions are needed. The platform's interactive mapping tool, "story maps," could represent an effective strategy to facilitate interactions and make the activity more appealing to youth.

Relatedly, our interviewee suggested **gamifying** mitigation and adaptation opportunities and using **virtual reality tools** for successful engagement in Richmond. For instance, the "**City Nature Challenge**" encourages residents to photograph local biodiversity, with prizes for those uploading over 50 photos. Virtual reality can offer tours of energy utility sites.

The City's **Green Ambassador program** engages secondary school students in sustainability-related activities. During Public Works week, green ambassadors support City staff and promote proper recycling. Expanding the Green Ambassadors' roles and inviting CityHive youth, even from outside Richmond, can strengthen support for climate-related initiatives.

Lastly, opportunities for youth engagement should also be explored in the **Community Energy and Emissions Plan (CEEP) 2050**, addressing both mitigation and adaptation. The upcoming Circular City Strategy, objective 8 of CEEN 2050, also represents a promising opportunity for CityHive's future involvement.





# CITY OF VANCOUVER

Following our interview with the City of Vancouver, it is clear that CityHive should focus on two major Plans to identify upcoming opportunity windows for youth engagement: the **Climate Emergency Action Plan (CEAP)** when it comes to opportunities for mitigation, and the **Climate Adaptation Strategy** when it comes to adaptation.

The **Climate Emergency Action Plan** is the key vision informing all sustainability-related work in the City, and thus merits special attention. The Plan includes six Big Moves and a comprehensive list of supportive actions to achieve its GHG emission reduction targets. Most Big Moves are focused on buildings and transportation, but opportunities for nature-based solutions for carbon capture are also contemplated.

As for the **Climate Change Adaptation Strategy**, it is currently under review and expected to be presented to Council in early 2024. In the next few months, residents will be able to provide feedback on the main goals and actions outlined in the Strategy.

Another way for CityHive to stay informed about upcoming climate-related opportunities is by consulting the **Council Calendar**. The "Council Calendar" refers to a schedule or agenda that outlines the dates and topics for upcoming meetings of a city council or governing body. It provides information about when meetings will take place and what issues or topics will be discussed during those meetings. This not only helps engaged

youth provide feedback on pressing issues in a timely manner, as they become aware of the City's ongoing activities, but also offers CityHive a comprehensive view of the key topics discussed during Council meetings, providing insight into the City's climate action direction.

Our interviewees mentioned that it is very difficult to identify strategies to engage youth in municipal climate action, since many initiatives, especially those tackling emissions from buildings and transportation, are related to **infrastructure change**. Furthermore, some programs are only targeting residents owning a home or a car, and youth are often excluded from those forms of ownership.

Despite these difficulties, the City of Vancouver has a general idea about three main areas where community members, and especially youth, could provide support:

- **Changing lifestyle** → youth have the potential to contribute significantly to local climate action by adopting sustainable practices in their lifestyles, thereby reducing their carbon footprint. Presently, the city is prioritizing areas that offer the most substantial potential for impactful change. However, this focus often centers on aspects like homeownership, which may not be accessible to everyone, limiting participation in these efforts. CityHive could collaborate with the City to identify activities and areas where youth can actively contribute

to lifestyle changes and make a positive impact on climate action.

- **Changing minds** → this aspect primarily addresses the issue of low climate literacy within the city, meaning that the general understanding of the causes and solutions to climate change at the local level is limited. According to public polling conducted by the City, although 9 out of 10 residents express concern about climate change, only 1 out of 10 can correctly identify the primary source of carbon pollution in the City. Therefore, it is crucial to prioritize awareness and education initiatives. Collaborating with individuals who are willing to engage in these conversations with their spheres of influence could play a significant role in advancing climate awareness and action within the community.
- **Changing the system** → it is essential for residents, particularly youth, to recognize the great value of civic engagement. This extends beyond merely voting and encompasses active participation in various city-led processes, such as surveys or public hearings. Community engagement has a meaningful impact, especially when it comes to youth involvement

in local decision-making processes. As Council rarely receives input from young residents, even the voices of a few youth would hold significant significance and can bring unique perspectives to shape the future of the community.

According to our interviewee, city staff is currently facing **challenges in effectively engaging youth**. While there are opportunities for youth involvement during the planning stage of climate-related initiatives, how youth can effectively participate in the implementation phase remains uncertain. This represents a potential opportunity for CityHive to work alongside the City and develop programs specifically tailored to address this issue. Together, they can explore innovative ways to involve youth in the implementation process and ensure youth can meaningfully contribute to climate action initiatives.





## CITY OF COQUITLAM

City of Coquitlam's city staff confirmed the importance of the initiatives identified in the first stage of the research. Both the **Climate Adaptation Strategic Plan** and the **Environmental Sustainability Plan (ESP)** are currently in their implementation phase, thus representing crucial guiding documents for CityHive to identify opportunity windows for youth engagement. To achieve the goals outlined in the ESP, a Climate Action Plan is currently being developed by city staff and will represent an opportunity for engagement in the fall of 2023, when the City will seek community input.

With a strong link to climate action, the city is also updating its **Strategic Transportation Plan**, creating a new 25-year vision to guide mobility within the City. An important component of this plan, the **E-mobility Strategy** focuses on policy programs to support micro-mobility across Coquitlam, exemplified by the recent implementation of an e-scooter pilot project.

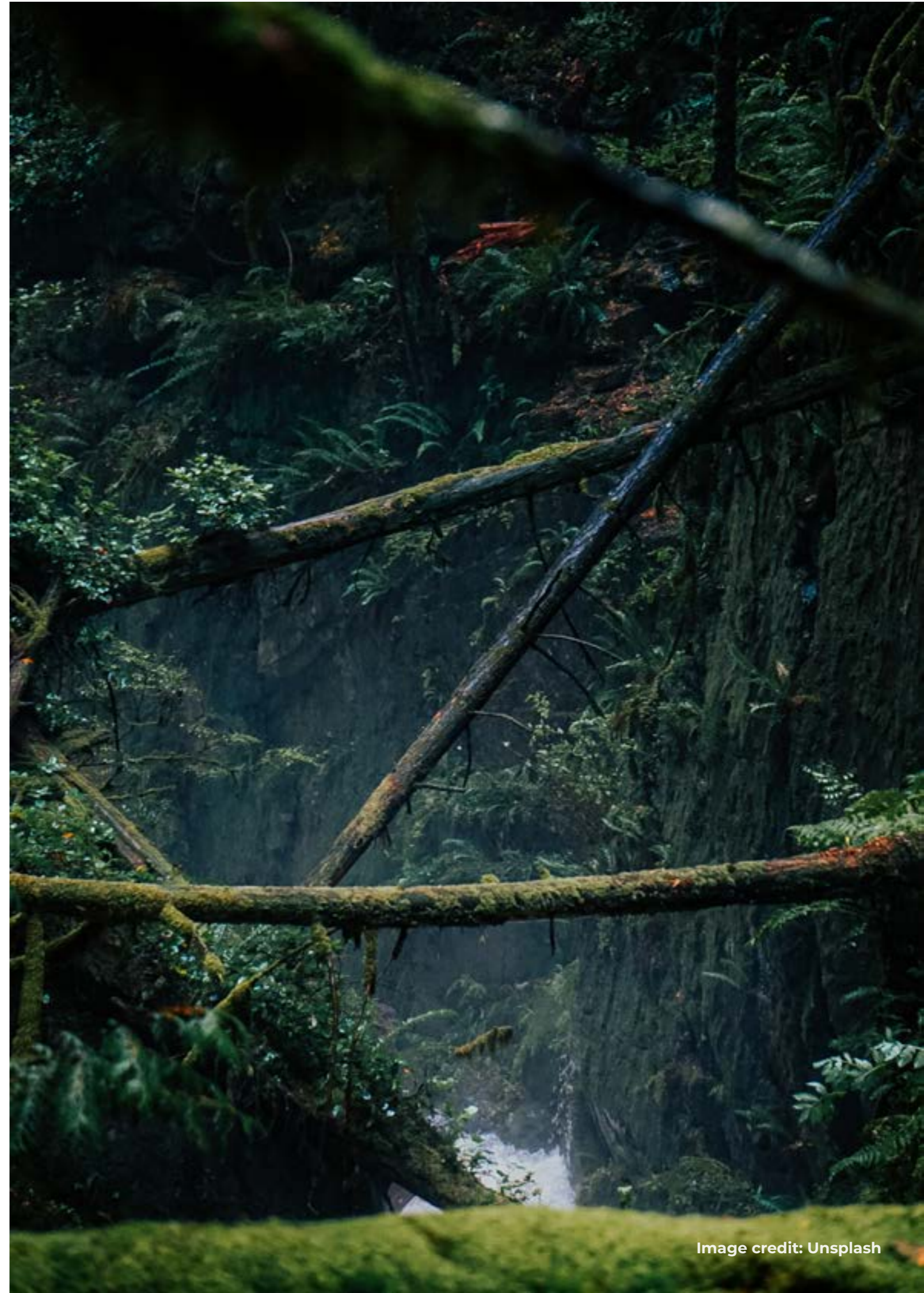
Furthermore, city staff is in the initial planning phase of the **Urban Forest Management Strategy** development. This strategy aims to create a new framework for action to protect and enhance the health of trees, while also considering risks posed by climate change to urban canopy and green space.

Lastly, in terms of adaptation, the City has conducted a **Hazard Risk and Vulnerability Assessment** to identify various hazards faced by the mu-

nicipality, and allocate resources to address them. The identified plans share significant overlaps, meaning that specific actions in one plan can contribute to achieving the goals of another plan. As such, all these initiatives hold equal importance in the City's commitment to fostering sustainability and climate action.

Regarding engagement opportunities, our interviewee emphasized that the **planning phase** presents more potential for youth involvement compared to the implementation phase. As many of the strategies mentioned earlier are currently under development, the city will soon be offering **engagement sessions**. Gathering the perspectives of youth during this phase holds significant importance for city staff, and they expressed a desire to receive support from CityHive in facilitating these sessions.

Engaging youth in the **implementation phase** of the plans poses certain challenges. Many actions outlined in the plans necessitate bylaws and infrastructural changes, making opportunities for youth involvement relatively limited. Additionally, several objectives are ongoing and involve long-term projects, which may not provide immediate chances for youth participation. However, within the Environmental Sustainability Plan, there are some actions focused on education and outreach programs that could potentially offer opportunities for youth engagement. CityHive could explore these ESP actions further and brainstorm ideas to enhance youth involvement in such initiatives.





## TOWNSHIP OF LANGLEY

The interview with Township of Langley's city staff provided a comprehensive overview of their ongoing climate-related initiatives, highlighting both those previously identified on the municipality's official website and others that were newly introduced. The Township is actively developing various plans and initiatives to reduce its carbon pollution and build a more sustainable urban environment.

The **Climate Action Strategy**, with its 8 priority areas, is the key document guiding the municipality's climate action and it might therefore be valuable for CityHive to further explore its content.

The City is also undertaking a few studies to inform future decisions in various areas. One such initiative is called "**Langley's Cool Parks**" and it is a resiliency study concerning outdoor temperature. The study aims to understand how outdoor infrastructure and green space contributes to the creation of resilient communities by keeping temperatures down and providing services during heat domes. As a result of the study, the Township hopes to upgrade its infrastructure (water fountains, misting stations, green spaces etc.) with the aim of being more prepared for conditions of extreme heat.

Recently, the municipality successfully concluded the initial phase of its **Natural Asset Inventory**, a comprehensive study that assessed Langley's natural resources, including wetlands, forests, and trees. This pioneering initiative aimed to assign a monetary value to these assets, strategically elevating them to the status of essential infrastructure.

Other ongoing initiatives, such as the construction of **zero carbon emissions corporate buildings** like ice rings and pools, as well as the LED street light conversion, might pose limitations for youth engagement due to their specific nature and technical requirements. Although essential to reach carbon reduction targets, the ways in which youth can actively participate in these particular activities remain unclear.

Additional avenues for youth engagement can be explored in initiatives concerning **active transportation**. The pilot project "**Connected Communities**" introduced enhancements to cycling routes and established a vibrant plaza space in Fort Langley. Despite facing some challenges, like the inability to create separate bike lanes in specific areas due to street infrastructure, the plaza project was remarkably successful. Initial engagement sessions encountered vocal opposition from some community members who feared a loss of parking and driving space. However, over time, the plaza gained immense popularity and became a popular gathering space for residents.

More generally, **active mobility** emerged as an essential area that requires increased engagement, particularly from youth. Our interviewee emphasized the significance of promoting **cycling** to effectively decarbonize the transportation sector.

While the municipality is actively exploring an **electric scooter pilot program** and additional incentives to promote **electric mobility**, it is evident that education and awareness campaigns are vital in transforming residents' behaviors. CityHive could contribute significantly in motivating and mobilizing youth to embrace sustainable transportation choices and be part of the climate solution.

**Water conservation** is another critical area in Langley where increased education and awareness are required. With Metro Vancouver advocating for reduced water usage, it becomes essential for residents to understand the finite nature of this resource. For this reason, the municipality is contemplating the development of education campaigns inspired by the success of the "Water Wise" initiative, a program that allowed students to go door to door to educate people on sprinkler restrictions.

Furthermore, **industrial usage of water** is a substantial contributor to consumption, indicating the need for potential collaborations with industries, commercial establishments, and utility providers. Exploring partnerships with these stakeholders presents an opportunity for CityHive to play a role in promoting water conservation efforts. This option should be considered and further explored for potential future youth engagement.

Finally, it is worth noting that the Township of Langley has shown remarkable dedication to **solid waste management**, implementing numerous successful programs that effectively influence people's behaviors. While this specific area may not present an immediate opportunity for

CityHive to engage with its youth, the successful waste management initiatives may serve as valuable examples and best practices for both CityHive and the municipality to design future programs.

All in all, our interviewee acknowledged that engaging local youth represents a significant challenge, as they often do not interact with traditional channels like local newspapers or the municipality's website. As a result, the Township of Langley decided to **partner with the school district** to engage youth with the Climate Action Strategy.

In addition to collaborating with the school district, an alternative approach to involve local youth could be through the **Youth Ambassador program**. In this initiative, young individuals could address their peers and the community, expressing their vision for improvements in the urban environment. This platform would provide an opportunity for less engaged youth to gain insights into the municipality's efforts regarding climate and sustainability, while enabling more engaged youth to effectively communicate their concerns and priorities to city staff and council.



Image credit: Unsplash



# Conclusion

Interviews with local government officials proved extremely useful to both confirm the importance of initiatives identified in the first stage of the research and to learn more about upcoming projects and priorities related to climate action.

From the interviews, some common trends emerged:

1. Plans and Strategies serve as essential guiding documents, providing overarching visions for future climate action. However, their value extends beyond general vision-setting resources, as they also encompass specific action items that outline initiatives in the short, medium, and long term. For CityHive, these Plans and Strategies become invaluable resources when seeking collaboration with municipalities in Metro Vancouver or exploring potential future opportunity windows. Utilizing these documents as a starting point allows CityHive to gain crucial insights and align its efforts with the climate priorities of individual cities.
2. Youth engagement is generally achieved in the planning phase of climate-related initiatives, where community members are encouraged to provide their feedback. Limited engagement opportunities exist in the implementation phase, and mostly concern education and awareness-raising activities. CityHive should use this research to connect with municipalities and further explore opportunities for youth engagement in the implementation of climate solutions.

3. Although the goal of this project was to inform CityHive's climate programs, valuable insights were gathered for other CityHive's programs, such as CityShapers and Consulting services. More specifically, many municipalities partnered with the school district as a strategy to engage youth, meaning that CityHive could look more into these types of collaborations.

When it comes to consulting services, local government officials expressed a need for support in identifying effective strategies for engaging youth. CityHive can play a crucial role by providing this much-needed assistance and developing toolkits that enable municipalities to effectively involve youth in their climate-related initiatives.





# Phase II: Identifying Non-profit Organizations

## Methodology

The second phase of this project underwent a significant change in scope, shifting the focus to nonprofit organizations in Metro Vancouver. Like the first stage, the goal was to create a living inventory of climate-related initiatives within non-profit organizations whose primary mission is not climate-related. However, this objective couldn't be fully accomplished. During the initial research stage, several NGOs in Metro Vancouver were identified, but only a few had concrete plans to include climate-related projects in their activities. Consequently, the research scope was expanded to include all NGOs in Metro Vancouver that might be interested in partnering with CityHive to advance climate-related projects with their members.

The shift in project scope could potentially be viewed as a positive aspect, as it presents valuable insights and a promising learning opportunity. In fact, the limited engagement of non-profit organizations in climate initiatives raises important questions and potential hypotheses. Is their reluctance to participate in climate-related initiatives attributable to a lack of perceived connection between their mission and climate change? Or is it due to capacity constraints?

Whatever the reason, moving forward with climate solutions at the local level demands robust collaboration among diverse organizations. It is

crucial for these organizations to recognize and acknowledge that climate intersects with multiple aspects of their missions. For instance, organizations working with specific causes may also be affected by climate-related issues, necessitating the integration of climate considerations into their activities. As an example, consider organizations working with elders. While their primary mission is probably to promote seniors' well-being and care, climate change-driven events like heat domes can directly impact this goal. Hence, these organizations may need to design programs not only offering enjoyable activities for seniors but also initiatives educating them on how to stay safe during a heat wave. Emphasizing the interconnectedness of climate-related issues with their missions can potentially motivate broader involvement in climate initiatives.

Another reason why an organization might decide not to engage in climate-related work is lack of capacity. Limited time, funding, and resources might hinder the ability of an organization to develop meaningful climate-related programs, even if they do recognize the impact of climate change on their mission. In this case, CityHive could provide some support, especially when it comes to capacity building and youth engagement. Although we can only hypothesize the reasons

why non-climate related organizations often do not engage in climate-related initiatives, CityHive could further explore this question through conversations with its partner organizations.

As mentioned earlier, this research focused on identifying non-profit organizations not working in the climate space rather than climate-related programs offered by organizations with a primary focus different from climate. However, given the inevitably broader scope, we established specific inclusion and exclusion criteria for the selection of non-profit organizations. The criteria used are as follows:

1. Non-climate related organizations. Non-profit organizations identified have a mission that is not related to climate, environment, and sustainability issues.
2. Community-oriented, locally-focused organizations. Non-profit organizations that operate within Metro Vancouver. International, national, and provincial organizations are excluded, unless they are particularly active in the Metro Vancouver region.
3. Potential for collaboration with CityHive. This criteria is established on a case-by-case basis after exploring the organizations' main programs and overarching objectives. For example, an organization whose mission is to improve cancer research will be excluded, but an organization supporting newcomers in building a new life in a Metro Vancouver municipality will be included. Although it might seem arbitrary, the decision is based on opportunities to establish potential future partnerships and work together on climate-related programming.

In the following section, four organizations are introduced and their work is briefly described. These organizations were selected because they all demonstrate particular interest in engaging their members in climate-related initiatives and they thus represent potential future partners for CityHive. Following some initial desk research, semi-structured interviews were conducted with the organizations' staff to learn more about upcoming climate-related opportunities where CityHive support might be welcomed. Interview results are presented in paragraph 2.2. In Appendix xx, a complete list of non-profit organizations identified can be found.





## Building Relationships: Non-profit Organizations

### ABORIGINAL HOUSING MANAGEMENT ASSOCIATION

The Aboriginal Housing Management Association (AHMA) is a pioneering Indigenous grassroots housing authority with over 25 years of expertise in advocating for housing rights among Indigenous Peoples. They hold a significant position in the housing landscape, as AHMA members manage more than 95% of all Indigenous housing units situated off-reserve in British Columbia. With nearly 10,000 Indigenous individuals and families residing in urban, rural, and northern regions of the province, AHMA plays a vital role in administering funds to support these communities.

One of the key strengths of AHMA is its diverse array of culturally safe housing options, ranging from affordable housing units to homeless shelters, transition homes, supportive housing, and assisted living facilities. Additionally, AHMA's member organizations offer a wide range of support services, encompassing homelessness prevention, parenting skills, mental health programs, substance use support, complex care, and much more. This comprehensive approach reflects their commitment to meeting the diverse needs of Indigenous individuals and families in British Columbia.

AHMA's members represent a significant portion of Indigenous housing providers in Canada, comprising over one-third of the overall network.

The organization has recognized the role of climate change and its impacts on their community on multiple occasions. Following some of the catastrophic climate disasters that occurred in the fall of 2021 - including flooding, landslides, and heavy rains - AHMA recognized the need to work closely with collaborators and other housing providers to develop sustainable and long-term solutions to face the climate emergency.

Additionally, AHMA encourages its members to initiate energy efficiency and conservation projects within their organizations, thus demonstrating a particular interest in mitigation, other than just focusing on adaptation.

### S.U.C.C.E.S.S.

Established in 1973 by a group of volunteers eager to give back to Canada, S.U.C.C.E.S.S. has grown to become one of the largest social service agencies in the country. This non-partisan, non-profit Canadian organization has been serving newcomers, seniors, youth, and families for 50 years. Since its inception, S.U.C.C.E.S.S. has been committed to empowering individuals and families to reach their full potential, whether they are already Canadian citizens, preparing for life in Canada, or temporary and permanent residents. Today, the organization offers an extensive array of programs and services provided in over 50 languages. In 2019 alone, they assisted more than 72,000 clients representing 150 different countries through their 40 service locations across Canada and Asia.

Their comprehensive services encompass newcomer settlement, English-language training, employment and entrepreneurship support, as well as family, youth, and seniors programming. In addition, S.U.C.C.E.S.S. is dedicated to health education, community development, affordable housing, and seniors care. Their impact extends beyond direct assistance, as they actively engage in advocacy efforts and collaborate with other community stakeholders.

Although no climate-related initiative was identified through a preliminary search on the organization's website, S.U.C.C.E.S.S. offers multiple programs engaging youth, pointing to a potential opportunity window for future partnerships. Youth are often concerned about climate change and S.U.C.C.E.S.S. might be interested in exploring collaborations with CityHive on climate-related initiatives. Understanding that newcomer youth often face challenges in accessing platforms to voice their concerns and priorities to local governments, it becomes crucial for CityHive to engage with S.U.C.C.E.S.S. to explore effective strategies for enhancing youth participation in climate-related matters.



## WOMEN TRANSFORMING CITIES

Women Transforming Cities (WTC) is a grassroots non-profit organization committed to dismantling intersecting systems of oppression that affect equity-deserving genders and movements. WTC's mission revolves around empowering individuals historically excluded from civic processes and decision-making. Through a feminist and intersectional approach, they try to enhance participation and amplify the voices of women and under-represented communities, ultimately seeking to shift power dynamics in a radical and transformative manner.

Women Transforming Cities (WTC) works to foster more equitable cities through a variety of approaches. They actively engage with city councils, holding elected leaders accountable for addressing issues that specifically impact women and equity-deserving genders. Their focus on empowering future leaders involves equipping them with essential skills to initiate their own community campaigns, thus cultivating a continuous cycle of change-makers. Through workshops and training, they aim to build civic literacy and confidence among individuals, enabling them to actively participate in civic processes. WTC also extends their support to local governments in their efforts towards reconciliation with Indigenous peoples, recognizing the significance of inclusive and respectful collaboration. Additionally, they run impactful campaigns focusing on critical local issues that disproportionately affect marginalized communities, striving to bring about positive and lasting change in societies.

As a result of the “Hot Pink Paper Campaign”, launched in 2022 on the occasion of Vancouver elections, WTC developed a policy brief including eight policy asks based on months of community input from women, gender-diverse residents, and front-line organizations. They found that equity-seeking groups are especially affected by climate catastrophes, pointing to the need to allocate funding to fully implement the Climate Emergency Action Plan (CEAP), which was developed by the City of Vancouver through an equity lens. With respect to mitigation, an important policy ask emerged from the Campaign is affordable and accessible transit for low-income people. Lowering barriers to transit usage represents a crucial step to reduce carbon emissions associated with transportation, but also to enhance equity by making sure that low-income people are not burdened by transportation costs.

## WORKERS' SOLIDARITY NETWORK

The Worker Solidarity Network, formerly known as the Retail Action Network, is a collective of non-unionized and precarious workers across British Columbia who advocate for workers' rights and interests while engaging in collective action to improve labor standards for all.

The WSN was founded in 2015 by a small group of retail and restaurant workers who came together in Victoria, B.C., to discuss the common challenges and experiences they faced in their respective industries. Through research and conversations, they recognized the historical significance of labor organizing and decided to unite in the spirit of mutual aid, solidarity, and direct action.

Today, the WSN comprises workers from various regions of the province, all of whom share a vested interest in supporting precarious employees struggling within the framework of capitalism. The WSN effectively organizes by providing accessible know-your-rights education, advocating for more effective enforcement of labor rights, empowering individuals with complaints, and campaigning for long-term improvements.

Recognizing the intersection between workers' rights and climate change, the WSN has launched the “Climate and Labor” Campaign, where they explore the interconnections between climate justice and labor justice. As a result of a study on the impact of extreme weather events on food service workers in BC, they started to advance a series of demands for the government to consider the impact of extreme environmental disasters in employment law. Additionally they created an array of resources for workers to know their legal rights when impacted by climate change at work.



# Phase 2.1: Interviews with NGOs Staff

## Interview Phase

Conducting an initial search on NGOs' official websites provided us with a broad understanding of their work and helped identify organizations that might be open to exploring potential collaborations concerning climate-related programs. Nonetheless, it should be noted that, similarly to the limitations observed with municipalities' official websites, NGOs' websites may also not be up to date and might not fully reflect the latest ideas and initiatives related to climate issues discussed by their team members. To address this, semi-structured interviews were conducted with organizations that were identified as having the most potential for future partnerships with CityHive.

The interviews served a dual purpose. Firstly, they aimed to gather information about any upcoming climate-related initiatives that local organizations were planning to undertake in the near future. Secondly, they were aimed at determining whether there was a need and willingness for CityHive's support in advancing these climate-related programs and collaborating to achieve shared objectives.

Email addresses of relevant NGOs staff were primarily obtained through existing contacts previously established by CityHive with these organiza-

tions. This was either because collaborations had already occurred in the past or because contact had already been established through other channels.

Ultimately, a total of four interviews were conducted with the following non-profit organizations: Aboriginal Housing Management Association (AHMA), S.U.C.C.E.S.S., Women Transforming Cities (WTC), and Workers' Solidarity Network (WSN). These NGOs were among the few organizations that actively addressed climate-related issues and/or had specific programming designed for youth.

In Box 3, the interview questions for NGOs staff are indicated.

In the following section, a summary of the main findings from each interview with NGOs staff is provided.

### BOX 3. Interview Questions for NGOs Staff

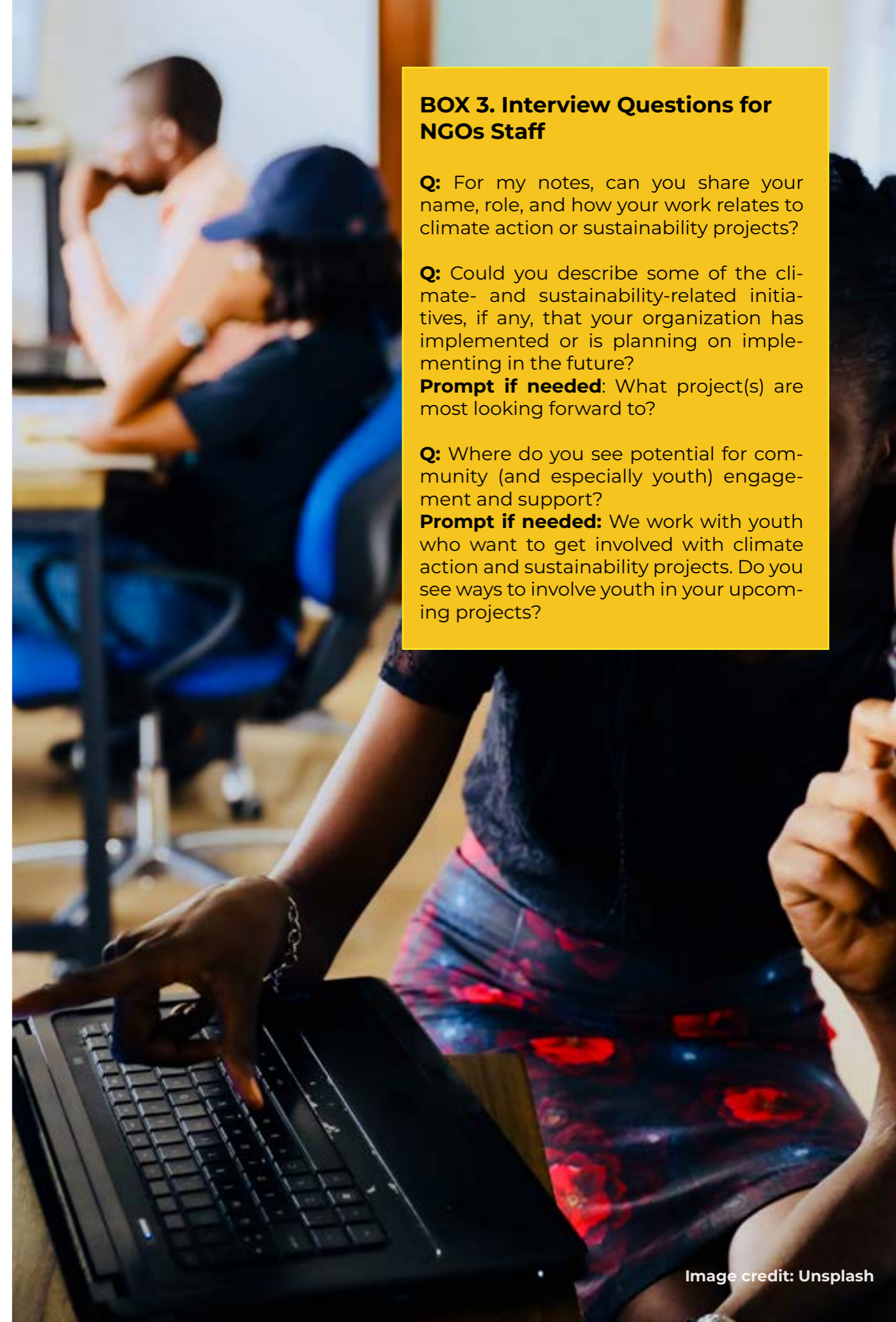
**Q:** For my notes, can you share your name, role, and how your work relates to climate action or sustainability projects?

**Q:** Could you describe some of the climate- and sustainability-related initiatives, if any, that your organization has implemented or is planning on implementing in the future?

**Prompt if needed:** What project(s) are most looking forward to?

**Q:** Where do you see potential for community (and especially youth) engagement and support?

**Prompt if needed:** We work with youth who want to get involved with climate action and sustainability projects. Do you see ways to involve youth in your upcoming projects?





## ABORIGINAL HOUSING MANAGEMENT ASSOCIATION

As mentioned on their website, AHMA places particular importance on climate issues, as their members are increasingly confronted with climate disasters. In response to these challenges, the organization has initiated various meaningful initiatives to involve their members in identifying solutions to the threats posed by climate change.

AHMA is currently involved in the "**building retrofit project**," a 10-week training program designed to educate Indigenous youth about high-performance building techniques while actively participating in the retrofitting of a cabin at the Cheakamus Centre in Squamish. This program addresses the lack of access to such education for Indigenous individuals and aims to open pathways to employment opportunities in the green economy. AHMA is committed to making the program self-sustainable and seeks to continue it in the future. CityHive has the potential to assist in achieving this goal by supporting AHMA in building the necessary capacity to run the program on a yearly basis.

In addition to the building retrofit project, AHMA staff highlighted the importance of supporting the **capacity and professional development** of Indigenous youth aspiring to work in the Indigenous housing sector. Building on the success and lessons learned from the retrofit project, there is potential to develop an **educational program** tai-

lored specifically for Indigenous individuals, particularly youth, interested in pursuing careers in the Indigenous non-profit housing sector. Creating **targeted training programs** that focus on Indigenous capacity development will play a crucial role in supporting Indigenous youth and preparing them for meaningful roles within the housing sector.

In general, our interviewees expressed a strong willingness to engage in collaborative projects, particularly those involving **research and data management**, as well as **policy development** support. Given the rapidly changing environment that their members are navigating, there is an urgent need to address the challenges posed by the climate emergency. AHMA's housing providers, who are all Indigenous non-profit organizations, operate within a context of limited resources and funding. Therefore, any support that can help mobilize resources and secure funding would be of immense value in aiding their preparedness for the new risks arising from the climate crisis.

Additional avenues for providing support to AHMA can be explored through the "**BC Urban, Rural, and Northern Housing Strategy**" document. This comprehensive report highlights gaps in the current programs and services covered by the National Housing Strategy. By delving into the details of the report, CityHive can gain deeper insights into

the specific areas where additional support is required.

Finally, our interviewees emphasized the considerable value of **forging partnerships and building relationships** with various Indigenous organizations to work together toward shared objectives. While establishing these relationships may require

time and effort, it is a fundamental step in driving action and effecting positive change. By collaborating with Indigenous organizations, CityHive can ensure that its youth engagement initiatives are aligned with principles of diversity, inclusion, and decoloniality, making them more meaningful and impactful for Indigenous communities.



Image credit: Unsplash



## S.U.C.C.E.S.S.

Although specific climate-related initiatives could not be found on S.U.C.C.E.S.S.' official website, the organization is involving its youth in various programs related to climate and sustainability and would like to further deepen its commitment to deliver climate-related initiatives.

Our interviewees explained that the organization offers many programs of various length, in order to meet the needs of all youth. For this reason, CityHive could provide different types of support depending on the program and on the needs' of young individuals involved.

For those unfamiliar with climate change and civic processes, CityHive could conduct a series of **workshops** to explain the basic science of climate change and how youth can engage with local institutions to contribute to solutions. S.U.C.C.E.S.S. could provide a venue for those events in their Burnaby office if they are to be delivered in person.

On the other hand, for those already familiar with the topic of climate change and seeking to expand their knowledge and contribute to climate-solutions in the long run, CityHive could collaborate with S.U.C.C.E.S.S. on their **Youth Leadership Millennium (YLM) program**. The YLM is an eight-month program focusing on personal and leadership development, including a volunteer component and a team-based community project. As YLM participants currently need to find partners independently to support their projects, CityHive could be a valuable partner in providing support to newcomer youth exploring climate-related top-

ics. While S.U.C.C.E.S.S. organizes weekly **clean-up events** in Surrey and other Metro Vancouver municipalities, being part of CityHive could offer a more tangible and sustained involvement for youth in climate initiatives.

An additional avenue for collaboration lies in enhancing communication skills, including **public speaking and advocacy**. CityHive could organize advocacy workshops that not only raise awareness about climate change but also empower youth to share their knowledge and educate their family, friends, and peers.

S.U.C.C.E.S.S. staff members have shown keen interest in partnering with CityHive in the near and medium term, and they are eager to begin discussing potential areas of collaboration. The conversation has been initiated and will be continued by other CityHive members.





## WOMEN TRANSFORMING CITIES

Our interview with Women Transforming Cities (WTC) staff revealed a strong awareness of the intersection between the organization's mission and climate change impacts.

The conversation with WTC staff revolved around two extremely important aspects:

- **Policy demands**
- **Monitoring and implementation of policy**

Regarding policy demands, as previously mentioned, the organization has compiled a **policy document** outlining the key priorities of gender diverse populations, transforming them into policy requests for the 2022 Vancouver elections. Additionally, our interviewee highlighted the significance of the document titled "**Planning for Extreme Heat and Air Quality Mitigation in Vancouver**," prepared by the Vancouver City Planning Commission to propose specific measures for mitigating extreme heat and improving air quality.

An area of potential collaboration between CityHive and WTC could stem from these documents. Specifically, the two organizations could select a particular **action item** listed in the policy documents and jointly devise a strategy to urge the city council to implement that specific policy action. For instance, they might advocate for Translink to offer buses as mobile cooling stations or campaign for free transit for certain populations. These initiatives not only address climate mitigation and adaptation but also emphasize the need for equitable solutions.

Another significant **policy demand** that could serve as a focal point for collaboration is **housing**. Our interviewee emphasized that urban land use itself is a climate policy. It is essential to consider housing as a climate solution, addressing both mitigation and adaptation. In terms of mitigation, having ample affordable housing near public transit can help reduce emissions from transportation. On the other hand, for adaptation, housing plays a critical role in ensuring safety from challenges such as wildfire smoke and extreme heat.

During our interview, we also discussed the importance of monitoring and implementing policy. This involves collaborating on various aspects, such as closely **tracking motions** proposed and approved by the city and making it evident that residents are actively engaged and expect the city to take action. This is particularly relevant when considering the **Climate Justice Charter** developed by the City of Vancouver, ensuring that its provisions are incorporated into all climate and non-climate initiatives undertaken by the City. Additionally, WTC and CityHive could work together to encourage other municipalities in Metro Vancouver to draft and adopt their own Climate Justice Charters, exerting pressure on the City of Vancouver by showcasing that faster action is being taken by other municipalities.

One way to effectively monitor the implementation of climate policy is by examining the **city budget**. Increased youth engagement is essential in this area, as the successful execution of climate

policy relies heavily on the financial capabilities of the local government to carry out initiatives. CityHive and WTC have the opportunity to collaborate on a potential initiative: developing a **participatory city budgeting process** where equity deserving residents collectively decide how to allocate the budget. Even if not implemented, this endeavor could send a powerful message to the city council, demonstrating how residents, particularly those who are often marginalized from civic processes, would allocate the city budget if they had a say in decision-making.

Lastly, our interviewee at WTC highlighted the importance of focusing on **climate preparedness**. Little Mountain Neighborhood House recently facilitated a session involving local residents and various groups to develop a plan for safeguarding older adults and vulnerable populations from heat-related risks. CityHive and WTC could collaborate to build upon this initiative by creating a comprehensive map of existing resources in the community. This map would enable Neighborhood Houses and other local organizations to share these resources within their networks and enhance residents' awareness of the available support.





## WORKERS SOLIDARITY NETWORK

As emerged from our desktop research, Workers Solidarity Network staff recognizes the intersection between extreme climate conditions like heat waves and floods, and low-income workers. Following the 2021 heat wave, which hit British Columbia especially hard, it was clear to WSN that workers in the hospitality sector were particularly vulnerable. For this reason, they started to conduct interviews and focus groups with dishwashers, cooks, outdoor workers and fast food drivers to understand their experiences with extreme heat. In the future, WSN hopes to focus on a **different sector** (e.g., agricultural workers or construction workers) to better understand what can be done to better protect workers and what specific issues need to be addressed in each sector.

CityHive youth cohorts could support WSN in carrying out the investigation by connecting with workers and identifying areas where policy intervention is needed. An important point to note is that not every worker felt comfortable sharing their concerns with WSN, mostly because some workers were not permanent residents of Canada and were afraid of losing their jobs and, therefore, their sponsorship to stay. This is a crucial point to consider, as many young low-income workers are not Canadian citizens and might feel even more at risk. The intersection of low-income workers, youth, and non-Canadian citizenship is a relevant one, and underscores the importance of **collaborating with various organizations** to achieve solutions that are inclusive and consider all perspectives.

In addition to traditional sectors, the Worker Solidarity Network (WSN) considers the **"green jobs"** sector highly relevant to explore. This sector encompasses new occupations related to the energy transition, such as ecological restoration and clean energy. It is essential to safeguard workers' rights in this emerging sector to achieve an energy transition that is truly just.

During the interview, another crucial topic discussed was **workers' engagement**, emphasizing the importance of sustaining people's involvement over time to build a more robust movement. In WSN's climate-labor intersection project, they found that a significant number of participants in the hospitality sector study were under 30 years old. While WSN currently offers climate coffee shops to maintain engagement, additional strategies are required. CityHive could play a supportive role in this regard by assisting WSN in keeping young workers engaged and committed to the cause.

Lastly, WSN staff suggested that CityHive should refer to the **final report of the climate-labor intersection project** to explore potential future opportunities for collaboration. The report includes nine policy demands, and CityHive could identify an initiative aligned with its interests and partner with WSN to further its advancement. To achieve this, a critical step would involve mobilizing the knowledge acquired in the study, empowering workers with an understanding of their rights and urging policymakers to take action. CityHive could potentially provide support in this phase as well.





# Lessons Learned

This research has highlighted the significant potential for CityHive to offer support to both local municipalities and non-profit organizations.

Concerning municipalities, it was observed that most of them face challenges in effectively engaging youth, and even those that succeed often focus on obtaining feedback solely during the planning phase of climate-related initiatives, rather than during implementation. To address this issue, some local governments have chosen to collaborate with the school district to involve more youth. For CityHive, this presents an opportunity to expand the "CityShapers in Schools" program, involving municipalities and enabling them to specify the topics they need youth to engage with. Additionally, CityHive can play a crucial role as a consultant, enhancing municipalities' capacity to engage youth in local climate issues.

Regarding potential climate-related programs that CityHive could develop to meet municipal needs, the research indicates that cities' Climate Action Plans and other main strategies are promising sources to explore upcoming opportunities and areas of interest.

In regard to local non-profit organizations, this project has revealed that only a few NGOs whose primary focus lies outside climate-related matters are currently offering programs with any connection to climate issues. Due to the limited scope of

this research, we can only speculate on the underlying reasons for this observation. However, it is our belief that the root cause may be attributed to a lack of capacity, be it financial, staff-related, or time-related, to dedicate resources towards climate-related activities.

Considering this situation, CityHive has the potential to offer support to these organizations by forming partnerships for programs aligned with their interests.

Through in-depth conversations with NGOs staff, we discovered that organizations that acknowledged the connection between their mission and the climate crisis – especially how the climate crisis impacted their ability to fulfill their missions – were inclined to implement climate-related programs. Moreover, these organizations expressed a keen interest in sustaining these programs in the future.

# Limitations

There are several important limitations associated with this project that warrant acknowledgment.

The first limitation pertains to the inability to compile a comprehensive list of all climate-related initiatives both currently implemented and planned by local municipalities and non-profit organizations. While the desktop research provided a general overview of the focus areas for municipalities and NGOs, a more in-depth understanding of upcoming opportunities for youth engagement would require extensive interviews. Given the time constraints of the Sustainability Scholars project, fully addressing this limitation was challenging. However, in the future, CityHive can take a proactive approach by fostering and nurturing relationships with various partners. This effort will facilitate more streamlined collaborations and increase the likelihood of successful partnerships.

Another significant limitation of this project is that its intended purpose was to provide CityHive with detailed information regarding specific initiatives for youth engagement. However, the project's outcome offered a more general overview of opportunities rather than pinpointing precise opportunities for engagement. As stated, the responsibility now falls on CityHive to utilize the information gathered in this report and strategically design programs that align with the identified opportunities.

All in all, this project can be used as a guide to further explore and extend over time.





# Conclusion

Initially, this project's primary aim was to construct a dynamic database of climate-related initiatives, providing CityHive with crucial insights to shape their climate programs. However, as the project advanced, slight modifications to its scope transformed it into a distinct opportunity for fostering and consolidating relationships with local municipalities and non-profit organizations.

Notably, conversations with municipal and NGOs staff during the project's interview phase frequently triggered follow-up discussions with other CityHive team members, exploring possibilities for future partnerships.

Furthermore, although the project's initial objective was to inform CityHive's climate programs, it has evolved into an invaluable resource for other initiatives like CityShapers in Schools and CityHive's consultancy efforts.

As such, this project now serves as a comprehensive guide for various teams at CityHive, indicating ample opportunities for youth engagement in the future.

This report represents a valuable resource for guiding CityHive's programs in the upcoming years. However, given the dynamic nature of the content, it will necessitate regular updates. To ensure the accuracy and relevance of the living inventory, a recommendation is to assign one or more team members the responsibility of curating and maintaining its content over time.

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Image credit: CityHive



# Appendices

Municipality	Initiative Name	Link to Initiative	Initiative Type	Year of Formulation/ Approval	Area of focus
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HIGH POTENTIAL FOR OPPORTUNITY WINDOWS

CITY OF BURNABY

City of Burnaby	Environmental Sustainability Strategy (ESS)	<a href="https://www.burnaby.ca/sites/default/files/acquiadam/2022-12/Approved-ESS.pdf">https://www.burnaby.ca/sites/default/files/acquiadam/2022-12/Approved-ESS.pdf</a> <a href="https://www.burnaby.ca/">https://www.burnaby.ca/</a>	Strategy	Jun-16	Holistic
City of Burnaby	Community and Energy Emissions Plan	<a href="https://burnaby.widen.net/s/kq8fpd222m/approved-ceep">https://burnaby.widen.net/s/kq8fpd222m/approved-ceep</a>	Plan	Nov-16	Holistic
City of Burnaby	Climate Action Framework	<a href="https://pub-burnaby.escribe-meetings.com/filestream.ashx?DocumentId=47477">https://pub-burnaby.escribe-meetings.com/filestream.ashx?DocumentId=47477</a>	Strategy	Mar-20	Holistic
City of Burnaby	City Energy Strategy	<a href="https://pub-burnaby.escribe-meetings.com/filestream.ashx?DocumentId=47478">https://pub-burnaby.escribe-meetings.com/filestream.ashx?DocumentId=47478</a>	Strategy	Jul-20	Energy
City of Burnaby	Internal Carbon Pricing	<a href="https://pub-burnaby.escribe-meetings.com/filestream.ashx?DocumentId=51234">https://pub-burnaby.escribe-meetings.com/filestream.ashx?DocumentId=51234</a>	Policy	Mar-21	Energy

## Appendix A.

### NOTE:

Appendix A has been streamlined significantly to align with the report's format. Notably, the version shared with CityHive contains supplementary notes and information. If you are seeking the comprehensive version of the table, kindly reach out to the report's author or CityHive to request access.



City of Burnaby	City Hall Photovoltaic Solar System Installation	<a href="https://pub-burnaby.escribemeetings.com/filestream.ashx?DocumentId=50731">https://pub-burnaby.escribemeetings.com/filestream.ashx?DocumentId=50731</a>	Project	Feb-21	Energy
City of Burnaby	Connecting Burnaby - Burnaby Transportation Plan	<a href="https://www.burnaby.ca/sites/default/files/acquiadam/2021-12/Burnaby-Transportation-Plan.pdf">https://www.burnaby.ca/sites/default/files/acquiadam/2021-12/Burnaby-Transportation-Plan.pdf</a>	Plan	Dec-21	Transportation
City of Burnaby	Edmonds Town Centre Cycling Network	<a href="https://www.burnaby.ca/our-city/projects/edmonds-town-centre-cycling-network">https://www.burnaby.ca/our-city/projects/edmonds-town-centre-cycling-network</a>	Project	Planned	Transportation
City of Burnaby	BC Parkway Enhancement Project	<a href="https://www.burnaby.ca/our-city/projects/bc-parkway-enhancement-project">https://www.burnaby.ca/our-city/projects/bc-parkway-enhancement-project</a>	Project	Planned	Land Use and Ecosystems
City of Burnaby	Burnaby District Energy Utility	<a href="https://www.burnaby.ca/our-city/projects/burnaby-district-energy-utility">https://www.burnaby.ca/our-city/projects/burnaby-district-energy-utility</a>	Project	Planned	Energy
City of Burnaby	Green Recycling and Organics (GRO) Facility	<a href="https://www.burnaby.ca/our-city/projects/green-recycling-and-organics-gro-facility">https://www.burnaby.ca/our-city/projects/green-recycling-and-organics-gro-facility</a>	Project	Planned	Food Systems
City of Burnaby	Royal Oak Urban Village Community Plan	<a href="https://www.burnaby.ca/our-city/projects/royal-oak-urban-village-community-plan">https://www.burnaby.ca/our-city/projects/royal-oak-urban-village-community-plan</a>	Plan	Planned	Land Use and Ecosystems
City of Burnaby	Edmonds Town Centre Community Plan	<a href="https://www.burnaby.ca/our-city/projects/edmonds-town-centre-community-plan">https://www.burnaby.ca/our-city/projects/edmonds-town-centre-community-plan</a>	Plan	Planned	Land Use and Ecosystems
City of Burnaby	Mountain Air Bike Skills Course Redevelopment	<a href="https://www.burnaby.ca/our-city/projects/mountain-air-bike-skills-course-redevelopment">https://www.burnaby.ca/our-city/projects/mountain-air-bike-skills-course-redevelopment</a>	Project	Planned	Governance and Education
City of Burnaby	Lakefield Drive Active Transportation Improvement Project	<a href="https://www.burnaby.ca/our-city/projects/lakefield-drive-active-transportation-improvement-project">https://www.burnaby.ca/our-city/projects/lakefield-drive-active-transportation-improvement-project</a>	Project	Planned	Transportation



City of Burnaby	Burnaby's Official Community Plan Project	<a href="https://www.burnaby.ca/our-city/projects/burnabys-official-community-plan-project">https://www.burnaby.ca/our-city/projects/burnabys-official-community-plan-project</a>	Project	Planned	Holistic
City of Burnaby	Burnaby Food Systems Strategy	<a href="https://www.burnaby.ca/our-city/projects/burnaby-food-systems-strategy">https://www.burnaby.ca/our-city/projects/burnaby-food-systems-strategy</a>	Strategy	In progress	Food Systems
City of Burnaby	New Sidewalks Program	<a href="https://www.burnaby.ca/our-city/projects/new-sidewalks">https://www.burnaby.ca/our-city/projects/new-sidewalks</a>	Program	In progress	Transportation
City of Burnaby	Transit Priority	<a href="https://www.burnaby.ca/our-city/projects/transit-priority-burnaby">https://www.burnaby.ca/our-city/projects/transit-priority-burnaby</a>	Program	In progress	Transportation
City of Burnaby	Building benchmarking in Burnaby	<a href="https://www.burnaby.ca/our-city/projects/building-benchmarking-burnaby">https://www.burnaby.ca/our-city/projects/building-benchmarking-burnaby</a>	Program	In progress	Buildings

CITY OF NEW WESTMINSTER

City of New Westminster	Community Energy and Emissions Plan (CEEP)	<a href="https://www.newwestcity.ca/database/rte/files/New-West%20CEEP%20Final.pdf">https://www.newwestcity.ca/database/rte/files/New-West%20CEEP%20Final.pdf</a>	Plan	Approved June 2011, revised (CEEP 2050). See revised version below	Holistic
City of New Westminster	Community Energy and Emissions Plan 2050 (updated) (CEEP 2050)	<a href="https://www.beheardnewwest.ca/25327/widgets/102318/documents/90039">https://www.beheardnewwest.ca/25327/widgets/102318/documents/90039</a>	Plan	Oct-22	Holistic
City of New Westminster	Energy Save New West	<a href="http://www.energysavenewwest.ca/">http://www.energysavenewwest.ca/</a>	Program	Launched July 2013, ongoing	Energy



City of New Westminster	Anti-idling by-law	<a href="https://www.newwestcity.ca/database/files/library/StreetTraffic6027.pdf">https://www.newwestcity.ca/database/files/library/StreetTraffic6027.pdf</a>	Policy	Consolidated July 2013	Transportation
City of New Westminster	Urban Solar Garden	<a href="http://www.energysavenewwest.ca/urban-solar-garden/">http://www.energysavenewwest.ca/urban-solar-garden/</a>	Project	Launched July 2018, ongoing	Energy
City of New Westminster	Electric Vehicles - EV Charging readiness for new residential buildings	<a href="https://www.newwestcity.ca/transportation/getting-around/electric-vehicles#ev-charging-readiness-for-new-residential-buildings">https://www.newwestcity.ca/transportation/getting-around/electric-vehicles#ev-charging-readiness-for-new-residential-buildings</a>	Policy	Starting April 2019	Transportation
City of New Westminster	Official Community Plan (OCP)	<a href="https://www.newwestcity.ca/database/files/library/OCP_BYLAW7925_2017_Consolidated_April2023.pdf">https://www.newwestcity.ca/database/files/library/OCP_BYLAW7925_2017_Consolidated_April2023.pdf</a>	Plan	Approved 2017, updated April 2023	Holistic
City of New Westminster	Environmental Strategy and Action Plan	<a href="https://www.newwestcity.ca/database/files/library/ESAP-web.pdf">https://www.newwestcity.ca/database/files/library/ESAP-web.pdf</a>	Plan	August 2018, in progress (10-year implementation)	Holistic
City of New Westminster	The Federation of Canadian Municipalities' Partners for Climate Protection (PCP) program	<a href="https://www.fcm.ca/en/programs/partners-climate-protection">https://www.fcm.ca/en/programs/partners-climate-protection</a>	Program	Not sure when the City of New Westminster joined the program	Holistic
City of New Westminster	Climate Emergency Declaration	<a href="https://www.newwestcity.ca/city_hall/media/press_releases/site_post/2751.php">https://www.newwestcity.ca/city_hall/media/press_releases/site_post/2751.php</a>		Mar-19	Holistic
City of New Westminster	Corporate Energy and Emission Reduction Strategy (CEERS)	<a href="https://www.newwestcity.ca/database/files/library/CNW_Corporate_Energy_and_Emissions_Strategy_2010_WEB.pdf">https://www.newwestcity.ca/database/files/library/CNW_Corporate_Energy_and_Emissions_Strategy_2010_WEB.pdf</a>	Strategy	Sep-20	Holistic
City of New Westminster	Lawn watering regulations - Water Shortage Response Plan (1993) and Bylaw (updated)	<a href="https://www.newwestcity.ca/database/files/library/By-law_6948_2004_Water_Shortage_Response.pdf">https://www.newwestcity.ca/database/files/library/By-law_6948_2004_Water_Shortage_Response.pdf</a>	Policy	Consolidated April 2022	Land Use and Ecosystems
City of New Westminster	Rain Barrel Program	<a href="https://www.newwestcity.ca/services/environment-and-sustainability/water-protection-and-conservation#water-con">https://www.newwestcity.ca/services/environment-and-sustainability/water-protection-and-conservation#water-con</a>	Program	Ongoing	Land Use and Ecosystems



City of New Westminster	Integrated Stormwater Management Plan	<a href="https://www.newwestcity.ca/database/files/library/New_Westminster_ISMP_Volume_I_web__UPDATED.pdf">https://www.newwestcity.ca/database/files/library/New_Westminster_ISMP_Volume_I_web__UPDATED.pdf</a>	Plan	Mar-17	Land Use and Ecosystems
City of New Westminster	Biodiversity and Natural Areas Strategy	<a href="https://www.newwestcity.ca/database/files/library/Biodiversity_Natural_Areas_Strategy_May_2022.pdf">https://www.newwestcity.ca/database/files/library/Biodiversity_Natural_Areas_Strategy_May_2022.pdf</a>	Strategy	Apr-22	Land Use and Ecosystems
City of New Westminster	Glenbrook Ravine Park Invasive Plant Management Plan	<a href="https://www.newwestcity.ca/database/files/library/Glenbrook_rAVINE.pdf">https://www.newwestcity.ca/database/files/library/Glenbrook_rAVINE.pdf</a>	Plan	Jun-19	Land Use and Ecosystems
City of New Westminster	New Westminster Community Gardening Society	<a href="https://nwcgs.ca/">https://nwcgs.ca/</a>	Project	Ongoing	Land Use and Ecosystems
City of New Westminster	Mason Bee Hotel Program	<a href="https://www.themason-beecompany.com/">https://www.themason-beecompany.com/</a>	Program	Ongoing	Land Use and Ecosystems
City of New Westminster	Master Transportation Plan	<a href="https://www.newwestcity.ca/database/files/library/MTP_2022.pdf">https://www.newwestcity.ca/database/files/library/MTP_2022.pdf</a>	Plan	May 2015, ongoing (30-year time-frame)	Transportation
City of New Westminster	Other Transportation Plans and Studies	<a href="https://www.newwestcity.ca/transportation-plans">https://www.newwestcity.ca/transportation-plans</a>	Plan	Various	Transportation
City of New Westminster	All Ages and Abilities Active Transportation Action Plan (ATNP)	<a href="https://www.newwestcity.ca/database/files/library/11.pdf">https://www.newwestcity.ca/database/files/library/11.pdf</a>	Plan	Sep-22	Transportation
City of New Westminster	Food Security Action Plan Update	<a href="https://www.beheardnewwest.ca/food-security">https://www.beheardnewwest.ca/food-security</a>	Plan	First version 2018, update in progress (2023)	Food Systems



CITY OF NORTH VANCOUVER

City of North Vancouver	Climate and Environmental Strategy	<a href="https://www.cnv.org/Community-Environment/Climate-Action/Climate-Environment-Strategy">https://www.cnv.org/Community-Environment/Climate-Action/Climate-Environment-Strategy</a>	Strategy	In progress (haven't been completed yet)	Holistic
City of North Vancouver	Climate Change Adaptation Plan	<a href="https://www.cnv.org/Community-Environment/Climate-Action/Climate-Change-Adaptation">https://www.cnv.org/Community-Environment/Climate-Action/Climate-Change-Adaptation</a>	Plan	Oct-13	Holistic
City of North Vancouver	Official Community Plan (OCP)	<a href="https://www.cnv.org/City-Hall/Official-Community-Plan">https://www.cnv.org/City-Hall/Official-Community-Plan</a>	Plan	2014	Holistic
City of North Vancouver	Community Energy and Emissions Plan	<a href="https://www.cnv.org/Community-Environment/Climate-Action/Climate-Targets">https://www.cnv.org/Community-Environment/Climate-Action/Climate-Targets</a>	Plan	Apr-10	Holistic
City of North Vancouver	100 Year Sustainability Vision	<a href="https://www.cnv.org/Community-Environment/Sustainability/100-Year-Sustainability-Vision">https://www.cnv.org/Community-Environment/Sustainability/100-Year-Sustainability-Vision</a>	Strategy	May-09	Holistic
City of North Vancouver	Safe and Active School Travel Program	<a href="https://www.cnv.org/Streets-Transportation/Travel-Options/Safe-and-Active-School-Travel-Program">https://www.cnv.org/Streets-Transportation/Travel-Options/Safe-and-Active-School-Travel-Program</a>	Program	Ongoing, funded by the Climate Fund (\$25 per tonne of the City's	Transportation
City of North Vancouver	Street Tree Planting Program		Program	Ongoing, funded by the Climate Fund (\$25 per tonne of the City's	Land Use and Ecosystems
City of North Vancouver	Mobility Network Project	<a href="https://www.cnv.org/Streets-Transportation/Transportation-Planning/Mobility-Network">https://www.cnv.org/Streets-Transportation/Transportation-Planning/Mobility-Network</a>	Project	In progress	Transportation
City of North Vancouver	E-Scooter Pilot	<a href="https://www.cnv.org/Streets-Transportation/Travel-Options/eScooters">https://www.cnv.org/Streets-Transportation/Travel-Options/eScooters</a>	Project	In progress (started in March 2022 and will continue until April 2024)	Transportation



City of North Vancouver	GO CNV Project	<a href="https://www.cnv.org/Streets-Transportation/Travel-Options/GoCNV">https://www.cnv.org/Streets-Transportation/Travel-Options/GoCNV</a>	Program	2018 Pilot Program delivered in the Central Lonsdale East neighbor-	Transportation
City of North Vancouver	Community Traffic Calming Program	<a href="https://www.cnv.org/Streets-Transportation/Traffic/Traffic-Calming">https://www.cnv.org/Streets-Transportation/Traffic/Traffic-Calming</a>	Program	2004	Transportation
City of North Vancouver	Jump on a New Heat Pump Program	<a href="https://www.cnv.org/Community-Environment/Energy/Single-Family-Homes-Duplexes-and-Townhouses/Jump-on-">https://www.cnv.org/Community-Environment/Energy/Single-Family-Homes-Duplexes-and-Townhouses/Jump-on-</a>	Program	Ongoing	Energy
City of North Vancouver	Strata Energy Advisor Program	<a href="http://www.strataenergyadvisor.ca/Pages/default.aspx">http://www.strataenergyadvisor.ca/Pages/default.aspx</a>	Program	Ongoing	Buildings
City of North Vancouver	Energy Meter Lending Program	<a href="https://www.cnv.org/Community-Environment/Energy/Energy-Meter-Lending-Program">https://www.cnv.org/Community-Environment/Energy/Energy-Meter-Lending-Program</a>	Program	Ongoing	Buildings
City of North Vancouver	Community Cleanup Pilot Project	<a href="https://www.cnv.org/Community-Environment/Help-Environment/Community-Cleanup">https://www.cnv.org/Community-Environment/Help-Environment/Community-Cleanup</a>	Project	Ongoing	Waste
City of North Vancouver	Park Stewardship Program	<a href="https://www.cnv.org/Community-Environment/Help-Environment/City-Park-Stewards">https://www.cnv.org/Community-Environment/Help-Environment/City-Park-Stewards</a>	Program	Started in 2001, ongoing	Governance, Engagement and Education
City of North Vancouver	Cool It! Climate Leadership Program	<a href="https://www.cnv.org/Community-Environment/Help-Environment/Schools-Challenge">https://www.cnv.org/Community-Environment/Help-Environment/Schools-Challenge</a>	Program	Ongoing since 2009	Governance, Engagement and Education
City of North Vancouver	Living City Award Program	<a href="https://www.cnv.org/Community-Environment/Sustainability/Living-City/Living-City-Awards">https://www.cnv.org/Community-Environment/Sustainability/Living-City/Living-City-Awards</a>	Program	Ongoing	Governance, Engagement and Education
City of North Vancouver	Living City Grant Program	<a href="https://www.cnv.org/Community-Environment/Sustainability/Living-City/Living-City-Grant">https://www.cnv.org/Community-Environment/Sustainability/Living-City/Living-City-Grant</a>	Program	Ongoing	Governance, Engagement and Education



City of North Vancouver	Corporate Climate Action Plan (update)	<a href="https://www.cnv.org/Community-Environment/Climate-Action/Corporate-Climate-Action">https://www.cnv.org/Community-Environment/Climate-Action/Corporate-Climate-Action</a>	Plan	First created 2011, updated February 2017	Governance, Engagement and Education
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DISTRICT OF NORTH VANCOUVER

District of North Vancouver	Community Management and Emissions Plan (CEEP)	<a href="https://www.dnv.org/sites/default/files/edocs/Community-Energy-Emissions-Plan.pdf">https://www.dnv.org/sites/default/files/edocs/Community-Energy-Emissions-Plan.pdf</a>	Plan	Dec-19	Holistic
District of North Vancouver	Climate Change Adaptation Strategy	<a href="https://www.dnv.org/sites/default/files/edocs/climate-change-adaptation-strategy.pdf">https://www.dnv.org/sites/default/files/edocs/climate-change-adaptation-strategy.pdf</a>	Strategy	Jul-17	Holistic
District of North Vancouver	Strategic Energy Management Plan (SEMP)	<a href="https://www.dnv.org/strategic-energy-management-plan-semp">https://www.dnv.org/strategic-energy-management-plan-semp</a>	Plan	Creation date not found. Ongoing.	Holistic
District of North Vancouver	Integrated Stormwater Management Plan (ISMP)	<a href="https://www.dnv.org/community-environment/integrated-stormwater-management-plan">https://www.dnv.org/community-environment/integrated-stormwater-management-plan</a>	Plan	Finalized in February 2022	Land Use and Ecosystems
District of North Vancouver	Invasive Plant Management Strategy	<a href="https://www.dnv.org/sites/default/files/edocs/draft-invasive-plant-strategy.pdf">https://www.dnv.org/sites/default/files/edocs/draft-invasive-plant-strategy.pdf</a>	Strategy	Mar-15	Land Use and Ecosystems
District of North Vancouver	Sea Level Rise Strategy (North Shore Sea Level Rise Risk Assessment and Adaptive	<a href="https://www.dnv.org/sites/default/files/edocs/North_Shore_Sea_Level_Rise_Strategy_-_FINAL%20%28WEB%29.pdf">https://www.dnv.org/sites/default/files/edocs/North_Shore_Sea_Level_Rise_Strategy_-_FINAL%20%28WEB%29.pdf</a>	Strategy	Feb-21	Land Use and Ecosystems
District of North Vancouver	Parks and Open Space Strategic Plan	<a href="https://www.dnv.org/sites/default/files/edocs/parks-and-open-space-strategic-plan-final.pdf">https://www.dnv.org/sites/default/files/edocs/parks-and-open-space-strategic-plan-final.pdf</a>	Plan	Nov-12	Land Use and Ecosystems



District of North Vancouver	Official Community Plan (OCP) Action Plan	<a href="https://www.dnv.org/sites/default/files/edocs/OCP-review-action-plan.pdf">https://www.dnv.org/sites/default/files/edocs/OCP-review-action-plan.pdf</a>	Plan	Jul-21	Holistic
District of North Vancouver	Bicycle Master Plan	<a href="https://www.dnv.org/sites/default/files/edocs/north-vancouver-bicycle-master-plan.pdf">https://www.dnv.org/sites/default/files/edocs/north-vancouver-bicycle-master-plan.pdf</a>	Plan	Mar-12	Transportation
District of North Vancouver	Pedestrian Master Plan	<a href="https://www.dnv.org/sites/default/files/edocs/pedestrian-master-plan.pdf">https://www.dnv.org/sites/default/files/edocs/pedestrian-master-plan.pdf</a>	Plan	Apr-09	Transportation
District of North Vancouver	Transportation Plan	<a href="https://www.dnv.org/sites/default/files/edocs/transportation-plan.pdf">https://www.dnv.org/sites/default/files/edocs/transportation-plan.pdf</a>	Plan	Jul-12	Transportation
	Climate Action and Environmental Health				
	1. Corporate Leadership				
District of North Vancouver	Decarbonizing DNV buildings	<a href="https://www.dnv.org/community-environment/climate-action-and-environment/key-directions">https://www.dnv.org/community-environment/climate-action-and-environment/key-directions</a>	Program	Ongoing	Buildings
District of North Vancouver	Shifting to electric vehicles	<a href="https://www.dnv.org/community-environment/climate-action-and-environment/key-directions">https://www.dnv.org/community-environment/climate-action-and-environment/key-directions</a>	Program	Ongoing	Transportation
District of North Vancouver	Greener paving methods	<a href="https://www.dnv.org/dnv-stories/dnv-takes-more-sustainable-approach-roadwork">https://www.dnv.org/dnv-stories/dnv-takes-more-sustainable-approach-roadwork</a>	Program	Ongoing	Land Use and Ecosystems
	2. Low Carbon Buildings				



District of North Vancouver	Jump on a New Heat Pump Program	<a href="https://www.dnv.org/jump-new-heat-pump">https://www.dnv.org/jump-new-heat-pump</a>	Program	Ongoing	Buildings
District of North Vancouver	BC Energy Step Code Compliance	<a href="https://www.dnv.org/building-development/energy-step-code">https://www.dnv.org/building-development/energy-step-code</a>	Policy	Ongoing since 2020	Buildings
	3. Low Carbon Transportation				
District of North Vancouver	E-bike sharing pilot program	<a href="https://www.dnv.org/streets-transportation/e-bike-share-pilot-program">https://www.dnv.org/streets-transportation/e-bike-share-pilot-program</a>	Program	Ongoing since 2021	Transportation
District of North Vancouver	Adding electric vehicle charging stations	<a href="https://www.dnv.org/property-and-development/supporting-electric-vehicles">https://www.dnv.org/property-and-development/supporting-electric-vehicles</a>	Policy	Ongoing since 2021	Transportation
	4. Zero Waste				
District of North Vancouver	Greener construction solutions	<a href="https://www.dnv.org/community-environment/climate-action-and-environment/key-directions">https://www.dnv.org/community-environment/climate-action-and-environment/key-directions</a>	Policy	Ongoing	Waste
District of North Vancouver	Reducing single-use items	<a href="https://www.dnv.org/your-home-property/reducing-single-use-items">https://www.dnv.org/your-home-property/reducing-single-use-items</a>	Program	Ongoing, since 2023	Waste
	5. Healthy Ecosystems				
District of North Vancouver	Urban tree canopy project	<a href="https://www.dnv.org/community-environment/urban-tree-canopy-project">https://www.dnv.org/community-environment/urban-tree-canopy-project</a>	Program	Ongoing, program expanded in 2022	Land Use and Ecosystems



District of North Vancouver	North Shore Community Food Charter	<a href="https://tablematters.ca/food-charter/">https://tablematters.ca/food-charter/</a>	Strategy	Ongoing	Food Systems
District of North Vancouver	Edible Garden Project	<a href="https://ediblegardenproject.com/">https://ediblegardenproject.com/</a>	Project	Ongoing	Food Systems

CITY OF RICHMOND

City of Richmond	Community Energy and Emission Plan 2050	<a href="https://www.richmond.ca/_shared/assets/1_CEEP_GP_02072260020.pdf">https://www.richmond.ca/_shared/assets/1_CEEP_GP_02072260020.pdf</a>	Plan	Feb-22	Holistic
City of Richmond	Richmond's Official Community Plan	<a href="https://www.richmond.ca/city-hall/strategies/ocp/sched1.htm">https://www.richmond.ca/city-hall/strategies/ocp/sched1.htm</a>	Plan	Nov-12	Holistic
City of Richmond	Lulu Island Energy Company (LIEC): Low-Carbon District Energy Services	<a href="http://www.luluislandenergy.ca/">http://www.luluislandenergy.ca/</a>	Program	Since 2012	Energy
City of Richmond	Richmond Green Ambassador Program	<a href="https://www.richmond.ca/services/recycling-garbage/community-outreach/GreenAmbassadors.htm">https://www.richmond.ca/services/recycling-garbage/community-outreach/GreenAmbassadors.htm</a>	Program	Ongoing	Governance and Education
City of Richmond	Homebuilders programs and incentives	<a href="https://www.richmond.ca/_shared/assets/climate-report60107.pdf">https://www.richmond.ca/_shared/assets/climate-report60107.pdf</a>	Program	Ongoing, at least 3 meetings per year	Buildings
City of Richmond	Active transportation programs	<a href="https://www.richmond.ca/_shared/assets/climate-report60107.pdf">https://www.richmond.ca/_shared/assets/climate-report60107.pdf</a>	Program	Ongoing	Transportation



City of Richmond	Pilot project - shared e-scooter system	<a href="https://www.richmond.ca/_shared/assets/climatereport60107.pdf">https://www.richmond.ca/_shared/assets/climatereport60107.pdf</a>	Project	Ongoing since early 2022	Transportation
City of Richmond	Public and At-home EV charging	<a href="https://www.richmond.ca/_shared/assets/climatereport60107.pdf">https://www.richmond.ca/_shared/assets/climatereport60107.pdf</a>	Policy	2017: Zoning bylaw requiring all new residential parking spaces to feature	Transportation
City of Richmond	Richmond's Single Use Plastic and Other Items Bylaw	<a href="https://www.richmond.ca/_shared/assets/climatereport60107.pdf">https://www.richmond.ca/_shared/assets/climatereport60107.pdf</a>	Policy	Mar-22	Waste
City of Richmond	Green Fleet Action Plan	<a href="https://www.richmond.ca/_shared/assets/Green_Fleet_Action_Plan38974.pdf">https://www.richmond.ca/_shared/assets/Green_Fleet_Action_Plan38974.pdf</a>	Plan	Feb-14	Transportation
City of Richmond	Energy Management Program	<a href="https://www.richmond.ca/services/climate/energysrvs/energy-emissions/energymanagement.htm">https://www.richmond.ca/services/climate/energysrvs/energy-emissions/energymanagement.htm</a>	Program	Ongoing, last updated in 2018	Buildings
City of Richmond	Richmond Carbon Market Program	<a href="https://www.betterbuildingsbc.ca/incentives/energy-save-richmond-carbon-market-place/">https://www.betterbuildingsbc.ca/incentives/energy-save-richmond-carbon-market-place/</a>	Program	Ongoing	Energy
City of Richmond	Circular City Strategy	<a href="https://www.richmond.ca/_shared/assets/circularcitystrategy202366556.pdf">https://www.richmond.ca/_shared/assets/circularcitystrategy202366556.pdf</a>	Strategy	Apr-23	Holistic
City of Richmond	Richmond Food Recovery Network Program	<a href="https://foodmesh.ca/about/special-projects/richmond/">https://foodmesh.ca/about/special-projects/richmond/</a>	Program	Ongoing	Food Systems
City of Richmond	Flood Protection Management Strategy (FPMS)	<a href="https://www.richmond.ca/_shared/assets/Flood_Protection_Management_Strategy57596.pdf">https://www.richmond.ca/_shared/assets/Flood_Protection_Management_Strategy57596.pdf</a>	Strategy	Ongoing, implemented in 2008 and updated in 2019	Land Use and Ecosystems
City of Richmond	Ecological Network Management Strategy (ENMS)	<a href="https://www.richmond.ca/_shared/assets/2018enmsupdate52187.pdf">https://www.richmond.ca/_shared/assets/2018enmsupdate52187.pdf</a>	Strategy	First implemented 2015, updated 2018	Land Use and Ecosystems



City of Richmond	Invasive Species Action Plan	<a href="https://www.richmond.ca/_shared/assets/ISAP43428.pdf">https://www.richmond.ca/_shared/assets/ISAP43428.pdf</a>	Plan	Dec-15	Land Use and Ecosystems
City of Richmond	Public Tree Management Strategy 2045	<a href="https://www.richmond.ca/_shared/assets/Public_Tree_Management_Strategy_-_Executive_Summary55415.pdf">https://www.richmond.ca/_shared/assets/Public_Tree_Management_Strategy_-_Executive_Summary55415.pdf</a>	Strategy	Dec-19	Land Use and Ecosystems
City of Richmond	Farming First Strategy	<a href="https://www.richmond.ca/_shared/assets/farmfir-strat58299.pdf">https://www.richmond.ca/_shared/assets/farmfir-strat58299.pdf</a>	Strategy	Apr-21	Food Systems
City of Richmond	Richmond Food Charter	<a href="https://www.urbanbounty.ca/wp-content/uploads/2014/09/Richmond-Food-Charter-final.pdf">https://www.urbanbounty.ca/wp-content/uploads/2014/09/Richmond-Food-Charter-final.pdf</a>	Plan	2016	Food Systems
City of Richmond	Sustainability Progress Report	<a href="https://www.richmond.ca/_shared/assets/sustainability-progress59212.pdf">https://www.richmond.ca/_shared/assets/sustainability-progress59212.pdf</a>		2015 - 2020	Holistic

CITY OF SURREY

City of Surrey	Sustainability Charter 2.0	<a href="https://www.surrey.ca/sites/default/files/media/documents/SustainabilityCharter.pdf">https://www.surrey.ca/sites/default/files/media/documents/SustainabilityCharter.pdf</a>	Plan	2016	Holistic
City of Surrey	Official Community Plan	<a href="https://flipbook-surrey-ca.cld.bz/Official-Community-Plan-Bylaw-No-18020/24/">https://flipbook-surrey-ca.cld.bz/Official-Community-Plan-Bylaw-No-18020/24/</a>	Plan	Implemented October 2014, amended May 2017	Holistic
City of Surrey	Transportation Strategic Plan	<a href="https://www.surrey.ca/services-payments/parking-streets-transportation/transportation-strategic-plans">https://www.surrey.ca/services-payments/parking-streets-transportation/transportation-strategic-plans</a>	Plan	Oct-08	Transportation



City of Surrey	Vision Zero Surrey Safe Mobility Plan	<a href="https://www.surrey.ca/sites/default/files/media/documents/VisionZeroPlan.pdf">https://www.surrey.ca/sites/default/files/media/documents/VisionZeroPlan.pdf</a>	Plan	Implemented in 2019, for 2019 - 2023 timeframe	Transportation
City of Surrey	Walking Plan	<a href="https://www.surrey.ca/sites/default/files/media/documents/Surrey_Walking_Plan_2011.pdf">https://www.surrey.ca/sites/default/files/media/documents/Surrey_Walking_Plan_2011.pdf</a>	Plan	2011	Transportation
City of Surrey	Cycling Plan	<a href="https://www.surrey.ca/sites/default/files/media/documents/Surrey_Cycling_Plan_2012.pdf">https://www.surrey.ca/sites/default/files/media/documents/Surrey_Cycling_Plan_2012.pdf</a>	Plan	2012	Transportation
City of Surrey	Protected Cycling Routes	<a href="https://www.surrey.ca/renovating-building-development/engineering-infrastructure/capital-construction-program/">https://www.surrey.ca/renovating-building-development/engineering-infrastructure/capital-construction-program/</a>	Project	Ongoing, within the next 5 years	Transportation
City of Surrey	Surrey Electric Vehicle Strategy	<a href="https://www.surrey.ca/sites/default/files/media/documents/SurreyElectricVehicleStrategy.pdf">https://www.surrey.ca/sites/default/files/media/documents/SurreyElectricVehicleStrategy.pdf</a>	Strategy	Feb-21	Transportation
City of Surrey	Community Energy and Emissions Plan (CEEP)	<a href="https://www.surrey.ca/sites/default/files/media/documents/CommunityEnergyEmissionsPlan.pdf">https://www.surrey.ca/sites/default/files/media/documents/CommunityEnergyEmissionsPlan.pdf</a>	Plan	Nov-13	Holistic
City of Surrey	Climate Adaptation Strategy	<a href="https://www.surrey.ca/sites/default/files/media/documents/ClimateAdaptationStrategy.pdf">https://www.surrey.ca/sites/default/files/media/documents/ClimateAdaptationStrategy.pdf</a>	Strategy	2013	Adaptation
City of Surrey	Community Climate Action Strategy	<a href="https://www.surrey.ca/sites/default/files/media/documents/CommunityClimateActionStrategy.pdf">https://www.surrey.ca/sites/default/files/media/documents/CommunityClimateActionStrategy.pdf</a>	Strategy	2013	Holistic
City of Surrey	Coastal Flood Adaptation Strategy (CFAS)	<a href="https://www.surrey.ca/sites/default/files/media/documents/CFASFinalReportNov2019.pdf">https://www.surrey.ca/sites/default/files/media/documents/CFASFinalReportNov2019.pdf</a>	Strategy	Nov-19	Adaptation
City of Surrey	Mud Bay Nature-Based Foreshore Enhancements	<a href="https://www.surrey.ca/services-payments/water-drainage-sewer/flood-control-and-prevention/coastal-flood-">https://www.surrey.ca/services-payments/water-drainage-sewer/flood-control-and-prevention/coastal-flood-</a>	Project	Ongoing - consultation phase with citizens just concluded	Adaptation



City of Surrey	Shade Tree Management Plan	<a href="https://www.surrey.ca/sites/default/files/media/documents/ShadeTreeManagementPlan.pdf">https://www.surrey.ca/sites/default/files/media/documents/ShadeTreeManagementPlan.pdf</a>	Plan	Approved in 2016 (for 2016 - 2036 timeframe)	Adaptation
City of Surrey	Climate Change Action Strategy	<a href="https://engage.surrey.ca/climate-action-now">https://engage.surrey.ca/climate-action-now</a>	Strategy	Under approval - spring 2023	Adaptation
City of Surrey	Corporate Emissions Action Plan (CEAP)	<a href="https://www.surrey.ca/sites/default/files/media/documents/CorporateEmissionsActionPlan.pdf">https://www.surrey.ca/sites/default/files/media/documents/CorporateEmissionsActionPlan.pdf</a>	Plan	Oct-10	Holistic
City of Surrey	Sustainability Dashboard	<a href="https://storymaps.arcgis.com/collections/0e23e964746d40338ba73481203281fa">https://storymaps.arcgis.com/collections/0e23e964746d40338ba73481203281fa</a>	Program	Ongoing, monitoring project	Holistic
City of Surrey	Newton: Sustainability in Action Pilot	<a href="https://www.surrey.ca/sites/default/files/media/documents/NewtonSustainabilityInActionPlan.pdf">https://www.surrey.ca/sites/default/files/media/documents/NewtonSustainabilityInActionPlan.pdf</a>	Project	Approved in 2018	Holistic
City of Surrey	Surrey City Energy	<a href="https://www.surrey.ca/about-surrey/sustainability-energy-services/surrey-city-energy">https://www.surrey.ca/about-surrey/sustainability-energy-services/surrey-city-energy</a>	Program	Ongoing - 30 year plan	Energy
City of Surrey	Urban Heat Ready	<a href="https://www.surrey.ca/about-surrey/sustainability-energy-services/urban-heat-ready">https://www.surrey.ca/about-surrey/sustainability-energy-services/urban-heat-ready</a>	Project	Start date: February 2020 - 2-year project (still ongoing?)	Adaptation
City of Surrey	WaterWise Demonstration Garden	<a href="https://www.surrey.ca/about-surrey/sustainability-energy-services/waterwise-demonstration-garden">https://www.surrey.ca/about-surrey/sustainability-energy-services/waterwise-demonstration-garden</a>	Project	Built in 2001	Land Use and Ecosystems
City of Surrey	Salmon Habitat Restoration Program (SHaRP)	<a href="https://www.surrey.ca/about-surrey/environment/student-work-opportunities/salmon-habitat-restoration-">https://www.surrey.ca/about-surrey/environment/student-work-opportunities/salmon-habitat-restoration-</a>	Program	Ongoing - Applications open every year on a rolling basis (Nov - Apr)	Land Use and Ecosystems
City of Surrey	Surrey's Natural Areas Partnership (SNAP)	<a href="https://www.surrey.ca/about-surrey/environment/student-work-opportunities/surreys-natural-areas-partner-">https://www.surrey.ca/about-surrey/environment/student-work-opportunities/surreys-natural-areas-partner-</a>	Program	Ongoing - every year, each summer and fall, rolling basis	Land Use and Ecosystems



City of Surrey	Biodiversity Conservation Strategy	<a href="https://www.surrey.ca/sites/default/files/media/documents/Surrey_BCS_Report.pdf">https://www.surrey.ca/sites/default/files/media/documents/Surrey_BCS_Report.pdf</a>	Strategy	Jan-14	Land Use and Ecosystems
City of Surrey	Pollinator Projects	<a href="https://www.surrey.ca/renovating-building-development/land-planning-development/environmental-protection/pollinator-projects">https://www.surrey.ca/renovating-building-development/land-planning-development/environmental-protection/pollinator-projects</a>	Project	Ongoing	Land Use and Ecosystems
City of Surrey	Parkland in Surrey's ALR: A comprehensive plan for agriculture	<a href="https://www.surrey.ca/renovating-building-development/land-planning-development/environmental-protection/biodiversity">https://www.surrey.ca/renovating-building-development/land-planning-development/environmental-protection/biodiversity</a>	Project	Ongoing - phase 1: feasibility study completed	Land Use and Ecosystems
City of Surrey	City Nature Challenge: iNaturalist	<a href="https://www.surrey.ca/renovating-building-development/land-planning-development/environmental-protection/biodiversity">https://www.surrey.ca/renovating-building-development/land-planning-development/environmental-protection/biodiversity</a>	Program	Ongoing - every year since 2020	Land Use and Ecosystems
City of Surrey	Nature Work Parties	<a href="https://www.surrey.ca/news-events/events/nature-work-parties">https://www.surrey.ca/news-events/events/nature-work-parties</a>	Program	Ongoing - events every week	Land Use and Ecosystems
City of Surrey	Environmental Extravaganza	<a href="https://www.surrey.ca/parks-recreation/surrey-parks/park-programs/environmental-extravaganza">https://www.surrey.ca/parks-recreation/surrey-parks/park-programs/environmental-extravaganza</a>	Program	Ongoing - every year from April to June	Governance and Education

CITY OF VANCOUVER

City of Vancouver	Greenest City Action Plan	<a href="https://vancouver.ca/files/cov/greenest-city-2020-action-plan-2015-2020.pdf">https://vancouver.ca/files/cov/greenest-city-2020-action-plan-2015-2020.pdf</a>	Plan	2010 - 2020	Holistic
City of Vancouver	Climate Emergency Action Plan (CEAP)	<a href="https://council.vancouver.ca/20201103/documents/p1.pdf">https://council.vancouver.ca/20201103/documents/p1.pdf</a>	Plan	2019	Holistic



City of Vancouver	Vancouver Plan	<a href="https://vancouverplan.ca/wp-content/uploads/Vancouver-Plan-2022-09-23-1.pdf">https://vancouverplan.ca/wp-content/uploads/Vancouver-Plan-2022-09-23-1.pdf</a>	Plan	In effect since September 2022	Holistic
City of Vancouver	Broadway Plan	<a href="https://guidelines.vancouver.ca/policy-plan-broadway.pdf?">https://guidelines.vancouver.ca/policy-plan-broadway.pdf?</a>	Plan	In effect since September 2022	Holistic
City of Vancouver	Transportation 2040	<a href="https://vancouver.ca/files/cov/Transportation_2040_Plan_as_adopted_by_Council.pdf">https://vancouver.ca/files/cov/Transportation_2040_Plan_as_adopted_by_Council.pdf</a>	Plan	Oct-12	Transportation
City of Vancouver	EV Ecosystem Strategy	<a href="https://vancouver.ca/files/cov/EV-Ecosystem-Strategy.pdf">https://vancouver.ca/files/cov/EV-Ecosystem-Strategy.pdf</a>	Strategy	Nov-16	Transportation
City of Vancouver	Climate Change Adaptation Strategy	<a href="https://vancouver.ca/files/cov/climate-change-adaptation-strategy.pdf">https://vancouver.ca/files/cov/climate-change-adaptation-strategy.pdf</a>	Strategy	Approved in 2012, updated in 2018	Adaptation
City of Vancouver	Vancouver's Changing Shoreline: Preparing for Sea Level Rise	<a href="https://vancouver.ca/files/cov/vancouvers-changing-shoreline.pdf">https://vancouver.ca/files/cov/vancouvers-changing-shoreline.pdf</a>	Plan	2018 (?) - not sure, no date was indicated on the document	Adaptation
City of Vancouver	Sea2City - False Creek Coastal Adaptation Plan	<a href="https://vancouver.ca/green-vancouver/sea2city-design-challenge.aspx">https://vancouver.ca/green-vancouver/sea2city-design-challenge.aspx</a>	Plan	June 2020 - July 2022	Adaptation
City of Vancouver	Fraser River Foreshore Coastal Adaptation Plan	<a href="https://vancouver.ca/files/cov/coastal-adaptation-plan-final-report.pdf">https://vancouver.ca/files/cov/coastal-adaptation-plan-final-report.pdf</a>	Plan	Dec-18	Adaptation
City of Vancouver	<i>Temperature: Urban Heat Effect Map and Next Steps</i>	<a href="https://vancouver.ca/green-vancouver/temperature-climate.aspx">https://vancouver.ca/green-vancouver/temperature-climate.aspx</a>			Adaptation
City of Vancouver	RainCity Strategy	<a href="https://vancouver.ca/files/cov/rain-city-strategy.pdf">https://vancouver.ca/files/cov/rain-city-strategy.pdf</a>	Plan	Nov-19	Adaptation



City of Vancouver	Blue Green Systems	<a href="https://vancouver.ca/home-property-development/blue-green-systems.aspx">https://vancouver.ca/home-property-development/blue-green-systems.aspx</a>	Project	Ongoing	Adaptation
City of Vancouver	Healthy Waters Plan	<a href="https://vancouver.ca/files/cov/csa-foundations-summary-report.pdf">https://vancouver.ca/files/cov/csa-foundations-summary-report.pdf</a>	Plan	January 2023 - Ongoing	Adaptation
City of Vancouver	Vancouver's Urban Forestry Strategy	<a href="https://vancouver.ca/files/cov/urban-forest-strategy.pdf">https://vancouver.ca/files/cov/urban-forest-strategy.pdf</a>	Strategy	Updated in 2018	Land Use and Ecosystems
City of Vancouver	Branch Out Pilot Project	<a href="https://vancouver.ca/parks-recreation-culture/tree-vancouver.aspx">https://vancouver.ca/parks-recreation-culture/tree-vancouver.aspx</a>	Project	2023 - Ongoing on yearly basis	Land Use and Ecosystems
City of Vancouver	Citizens' Coolkit on Climate Change & Urban Forestry	<a href="https://calp2016.sites.olt.ubc.ca/files/2017/10/Coolkit-revision-22.compressed.pdf">https://calp2016.sites.olt.ubc.ca/files/2017/10/Coolkit-revision-22.compressed.pdf</a>	Program	Ongoing - upon people's request	Land Use and Ecosystems
City of Vancouver	Vancouver Food Strategy (2017 update)	<a href="https://vancouver.ca/files/cov/final-food-strategy-report-back-and-update-2017-rt-11893.pdf">https://vancouver.ca/files/cov/final-food-strategy-report-back-and-update-2017-rt-11893.pdf</a>	Strategy	Approved in 2013, updated in 2017 (for 2017-2020 period)	Food Systems
City of Vancouver	Local Food System Action Plan	<a href="https://parkboardmeetings.vancouver.ca/2021/20211115/REPORT-LocalFoodSystemActionPlanUpdate-20211115.pdf">https://parkboardmeetings.vancouver.ca/2021/20211115/REPORT-LocalFoodSystemActionPlanUpdate-20211115.pdf</a>	Plan	Nov-21	Food Systems
City of Vancouver	Circular Food Innovation Lab	<a href="https://vancouver.ca/green-vancouver/circular-food-innovation-lab.aspx">https://vancouver.ca/green-vancouver/circular-food-innovation-lab.aspx</a>	Project	April 2022 - February 2023	Food Systems
City of Vancouver	Zero Waste 2040	<a href="https://council.vancouver.ca/20180516/documents/pspc2a.pdf">https://council.vancouver.ca/20180516/documents/pspc2a.pdf</a>	Plan	May-18	Waste
City of Vancouver	Resilient Vancouver Strategy	<a href="https://vancouver.ca/files/cov/resilient-vancouver-strategy.pdf">https://vancouver.ca/files/cov/resilient-vancouver-strategy.pdf</a>	Strategy	2021 (but not completely sure, no date indicated in the document)	Holistic



City of Vancouver	Climate Justice Charter for Vancouver	<a href="https://vancouver.ca/files/cov/climate-justice-charter-vancouver.PDF">https://vancouver.ca/files/cov/climate-justice-charter-vancouver.PDF</a>	Plan	Nov-22	Holistic
City of Vancouver	Women4Climate Vancouver	<a href="https://vancouver.ca/green-vancouver/women4climate-mentorship-program.aspx">https://vancouver.ca/green-vancouver/women4climate-mentorship-program.aspx</a>	Program	Ongoing, every year	Governance, Engagement and Education
City of Vancouver	Greenest City Grant and Greenest City Neighborhood Small Grants	<a href="https://vancouver.ca/people-programs/green-grants.aspx">https://vancouver.ca/people-programs/green-grants.aspx</a>	Program	Ongoing, every year	Governance, Engagement and Education

MEDIUM POTENTIAL FOR OPPORTUNITY WINDOWS

Bowen Island

Bowen Island	Climate Action Strategy 2020	<a href="https://bowenland.civicweb.net/document/227335/">https://bowenland.civicweb.net/document/227335/</a>	Strategy	2020	Holistic
Bowen Island	Community Energy and Emissions Plan (CEEP)	<a href="https://bowenland.civicweb.net/document/255209/">https://bowenland.civicweb.net/document/255209/</a>	Plan	Oct-21	Holistic
Bowen Island	Climate Conversations	<a href="https://bowenlandmunicipality.ca/parks-recreation-culture/environment/climate-action-">https://bowenlandmunicipality.ca/parks-recreation-culture/environment/climate-action-</a>	Program	Ongoing - multiple workshops/conversations every year	Governance, Engagement and Education
Bowen Island	On-Island Composting Facility	<a href="https://bowenlandmunicipality.ca/our-government/capital-projects/on-island-composting-project/">https://bowenlandmunicipality.ca/our-government/capital-projects/on-island-composting-project/</a>	Project	Council passed recommendation on January 23, 2023	Waste



Coquitlam

Coquitlam	Climate Adaptation Strategic Plan	<a href="https://www.coquitlam.ca/DocumentCenter/View/3209/Climate-Adaptation-Strategic-Plan-PDF?bidId=">https://www.coquitlam.ca/DocumentCenter/View/3209/Climate-Adaptation-Strategic-Plan-PDF?bidId=</a>	Plan	Oct-20	Adaptation
Coquitlam	Environmental Sustainability Plan	<a href="https://www.coquitlam.ca/DocumentCenter/View/5716/Environmental-Sustainability-Plan-PDF">https://www.coquitlam.ca/DocumentCenter/View/5716/Environmental-Sustainability-Plan-PDF</a>	Plan	Jan-22	Holistic
Coquitlam	City Centre Area Plan (CCAP)	<a href="https://www.coquitlam.ca/DocumentCenter/View/985/City-Centre-Area-Plan-PDF">https://www.coquitlam.ca/DocumentCenter/View/985/City-Centre-Area-Plan-PDF</a>	Plan	Nov-20	Holistic
Coquitlam	Strategic Transportation Plan Update	<a href="https://www.coquitlam.ca/174/Strategic-Transportation-Plan">https://www.coquitlam.ca/174/Strategic-Transportation-Plan</a>	Plan	Ongoing - engagement happening May-June 2023	Transportation

City of Delta

City of Delta	Community Energy and Emissions Plan (CEEP) Update	<a href="https://letstalk.delta.ca/communityenergy">https://letstalk.delta.ca/communityenergy</a>	Plan	Ongoing - waiting for final draft for public comment	Holistic
City of Delta	Electric Vehicle Strategy	<a href="https://www.delta.ca/sites/default/files/2021-06/Electric%20Vehicle%20Strategy%20CAE.pdf">https://www.delta.ca/sites/default/files/2021-06/Electric%20Vehicle%20Strategy%20CAE.pdf</a>	Strategy	Adopted by Council in 2020	Transportation
City of Delta	Delta Cycling Master Plan	<a href="https://ehq-production-canada.s3.ca-central-1.amazonaws.com/71778cd9834055ebfc026377ea97c390e49">https://ehq-production-canada.s3.ca-central-1.amazonaws.com/71778cd9834055ebfc026377ea97c390e49</a>	Plan	Nov-22	Transportation



City of Delta	Empower Me Program	<a href="https://empowerme.ca/home-bc/">https://empowerme.ca/home-bc/</a>	Program	Ongoing - various workshops delivered every year	Governance, Engagement and Education
City of Delta	Cool It! Climate Leadership Training Program	<a href="https://bcsea.org/cool-it/">https://bcsea.org/cool-it/</a>	Program	Ongoing - every year	Governance, Engagement and Education
City of Delta	City Nature Challenge	<a href="https://www.delta.ca/community-culture/environment-conservation/environmental-initiatives">https://www.delta.ca/community-culture/environment-conservation/environmental-initiatives</a>	Program	Ongoing - every year	Governance, Engagement and Education
City of Delta	Flood Protection Strategy	<a href="https://ehq-production-canda.s3.ca-central-1.amazonaws.com/f76678b1d9c71eac3d0dc-010cda5deea89b9268c/origi-">https://ehq-production-canda.s3.ca-central-1.amazonaws.com/f76678b1d9c71eac3d0dc-010cda5deea89b9268c/origi-</a>	Strategy	Ongoing consultation (2023), proposed concept design about to	Adaptation
City of Delta	Urban Forestry Strategy	<a href="https://www.delta.ca/sites/default/files/2021-06/Urban%20Forest%20Strategy%20CAE.pdf">https://www.delta.ca/sites/default/files/2021-06/Urban%20Forest%20Strategy%20CAE.pdf</a>	Strategy	Approved March 2020, provides an action plan for 2020-2030.	Land Use and Ecosystems
City of Delta	Free Sustainable Workshops	<a href="https://www.delta.ca/community-culture/environment-conservation/free-sustainable-workshops">https://www.delta.ca/community-culture/environment-conservation/free-sustainable-workshops</a>	Program	Ongoing - every year	Governance, Engagement and Education

City of Langley

City of Langley	Official Community Plan (OCP)	<a href="https://langleycity.ca/sites/default/files/uploads/OCP/z_Official%20Community%20Plan%20Bylaw_R.pdf">https://langleycity.ca/sites/default/files/uploads/OCP/z_Official%20Community%20Plan%20Bylaw_R.pdf</a>	Plan	Nov-21	Holistic
City of Langley	Note: no other relevant climate initiative found in Langley City.				



Township of Langley

Township of Langley	Climate Action Strategy 2021	<a href="https://www.tol.ca/en/services/resources/sustainability/climate-action/Climate-Action-Strategy.pdf">https://www.tol.ca/en/services/resources/sustainability/climate-action/Climate-Action-Strategy.pdf</a>	Strategy	2021	Holistic
Township of Langley	Community Forest Management Strategy	<a href="https://www.tol.ca/en/the-township/resources/plans-reports-strategies/Strategies-Policies/220513_">https://www.tol.ca/en/the-township/resources/plans-reports-strategies/Strategies-Policies/220513_</a>	Strategy	2022	Land Use and Ecosystems
Township of Langley	Low Carbon Mobility Plan: Electric Vehicles	<a href="https://www.tol.ca/en/services/resources/transportation-and-roads/transportation/LCMP-EVs.pdf">https://www.tol.ca/en/services/resources/transportation-and-roads/transportation/LCMP-EVs.pdf</a>	Plan	2019 (?) - not sure, date not indicated on the document	Transportation
Township of Langley	Climate Ambassadors	<a href="https://www.tol.ca/en/services/education-and-outreach.aspx">https://www.tol.ca/en/services/education-and-outreach.aspx</a>	Program	Ongoing - different outreach topics every year	Governance, Engagement and Education
Township of Langley	Recycling Ambassador Program	<a href="https://www.tol.ca/en/services/recycling-ambassador-program.aspx#How-many-volunteer-hours-are-required">https://www.tol.ca/en/services/recycling-ambassador-program.aspx#How-many-volunteer-hours-are-required</a>	Program	Ongoing - possibility to enroll anytime	Governance, Engagement and Education
Township of Langley	Langley Demonstration Garden Workshops	<a href="https://www.tol.ca/en/services/langley-demonstration-garden.aspx">https://www.tol.ca/en/services/langley-demonstration-garden.aspx</a>	Program	Ongoing - different workshops each year	Governance, Engagement and Education

Maple Ridge

Maple Ridge	Official Community Plan Policies	<a href="https://www.mapleridge.ca/DocumentCenter/View/923/Official-Community-Plan-Policies?bidId=">https://www.mapleridge.ca/DocumentCenter/View/923/Official-Community-Plan-Policies?bidId=</a>	Policy	Unsure about the date	Holistic
Maple Ridge	Strategic Transportation Plan (STP)	<a href="https://www.mapleridge.ca/DocumentCenter/View/31406/City-of-Maple-Ridge-Strategic-Transportation-Plan--Interim-">https://www.mapleridge.ca/DocumentCenter/View/31406/City-of-Maple-Ridge-Strategic-Transportation-Plan--Interim-</a>	Plan	Latest update: July 2022. Final version in progress	Transportation



Maple Ridge	Green Infrastructure Management Strategy	<a href="https://www.mapleridge.ca/DocumentCenter/View/29331/Maple-Ridge-Green-Infrastructure-Strategy-2021?bidId=">https://www.mapleridge.ca/DocumentCenter/View/29331/Maple-Ridge-Green-Infrastructure-Strategy-2021?bidId=</a> Strategy		Oct-21	Buildings
Maple Ridge	Lower Hammond Area Plan, Lougheed Transit Corridor Area Plan and Port Haney	<i>Might want to look further into these Area Plans. Unclear on the website when they were approved and whether</i>			

Pitt Meadows

Pitt Meadows	Official Community Plan (OCP)	<a href="https://www.pittmeadows.ca/sites/default/files/2022-10/CoPM-CommunityPlan2021-WEB-Interactive_0.pdf">https://www.pittmeadows.ca/sites/default/files/2022-10/CoPM-CommunityPlan2021-WEB-Interactive_0.pdf</a>	Plan	Sep-22	Holistic
Pitt Meadows	Environmental Inventory and Management Assessment	<a href="https://www.pittmeadows.ca/sites/default/files/docs/city_of_pitt_meadows_environmental_inventory_and_manage">https://www.pittmeadows.ca/sites/default/files/docs/city_of_pitt_meadows_environmental_inventory_and_manage</a>	Strategy	Jan-22	Land Use and Ecosystems
Pitt Meadows	Zero Waste Campaign	<a href="https://www.pittmeadows.ca/our-community/environment-sustainability/going-green-initiatives/zero-waste-campaign">https://www.pittmeadows.ca/our-community/environment-sustainability/going-green-initiatives/zero-waste-campaign</a>	Program	Ongoing	Waste
Pitt Meadows	Upcoming opportunity: Active Transportation Review	<a href="https://www.pittmeadows.ca/city-services/transportation-infrastructure/transportation/active-transportation-review">https://www.pittmeadows.ca/city-services/transportation-infrastructure/transportation/active-transportation-review</a>	Plan	In progress	Transportation



Port Coquitlam

Port Coquitlam	In progress: Climate Action Plan	<a href="https://www.portcoquitlam.ca/city-services/environmental-services/climate-action-plan/">https://www.portcoquitlam.ca/city-services/environmental-services/climate-action-plan/</a>	Plan	In progress	Holistic
Port Coquitlam	Greener City	<a href="https://www.portcoquitlam.ca/city-services/environmental-services/greener-city/">https://www.portcoquitlam.ca/city-services/environmental-services/greener-city/</a>	Program	Ongoing	Governance, Engagement and Education
Port Coquitlam	City Nature Challenge	<a href="https://www.portcoquitlam.ca/city-services/environmental-services/city-nature-challenge/">https://www.portcoquitlam.ca/city-services/environmental-services/city-nature-challenge/</a>	Program	Ongoing - every year	Governance, Engagement and Education

Port Moody

Port Moody	Climate Action Plan	<a href="https://www.portmoody.ca/common/Services/eDocs.ashx?docnumber=511721">https://www.portmoody.ca/common/Services/eDocs.ashx?docnumber=511721</a>	Plan	Jul-20	Holistic
Port Moody	Extreme Weather Resilience Plan	<a href="https://www.portmoody.ca/common/Services/eDocs.ashx?docnumber=590884">https://www.portmoody.ca/common/Services/eDocs.ashx?docnumber=590884</a>	Plan	Aug-22	Adaptation
Port Moody	Climate Ready Homes and Buildings Plan	<a href="https://www.portmoody.ca/common/Services/eDocs.ashx?docnumber=590883">https://www.portmoody.ca/common/Services/eDocs.ashx?docnumber=590883</a>	Plan	Jul-22	Buildings
Port Moody	2020 Climate Action Plan Implementation for 2023 & 2024	<a href="https://www.portmoody.ca/en/city-hall/resources/Documents/Phase%20Two%20Climate%20Action%20Imple-">https://www.portmoody.ca/en/city-hall/resources/Documents/Phase%20Two%20Climate%20Action%20Imple-</a>	Plan	Dec-22	Holistic



Port Moody	Sustainability Report Card	<a href="https://www.portmoody.ca/common/Services/eDocs.ashx?docnumber=580572">https://www.portmoody.ca/common/Services/eDocs.ashx?docnumber=580572</a>	Program	August 2022 - latest update	Buildings
Port Moody	TransPort Moody	<a href="https://engage.portmoody.ca/mtp#:~:text=The%20current%20Master%20Transportation%20Plan,to%20reach%20">https://engage.portmoody.ca/mtp#:~:text=The%20current%20Master%20Transportation%20Plan,to%20reach%20</a>	Plan	In progress	Transportation
Port Moody	Port Moody 2050 Official Community Plan Update	<a href="https://engage.portmoody.ca/portmoody-2050">https://engage.portmoody.ca/portmoody-2050</a>	Plan	In progress	Holistic
Port Moody	Urban Forestry Management Strategy	<a href="https://engage.portmoody.ca/urban-forest-management-strategy#:~:text=The%20Urban%20Forest%20Manage-">https://engage.portmoody.ca/urban-forest-management-strategy#:~:text=The%20Urban%20Forest%20Manage-</a>	Strategy	In progress	Land Use and Ecosystems

*Note: Port Moody is undertaking various interesting sustainability initiatives and partnership opportunities should be further explored.*

West Vancouver

West Vancouver	Stewardship Groups	<a href="https://westvancouver.ca/climate-environment/stewardship-sustainability-initiatives">https://westvancouver.ca/climate-environment/stewardship-sustainability-initiatives</a>	Program	Ongoing	Governance, Engagement and Education
West Vancouver	Council Strategic Plan	<a href="https://westvancouver.ca/sites/default/files/dwv/assets/gov/docs/strategies-and-plans/councilstrategicplan2021-2022">https://westvancouver.ca/sites/default/files/dwv/assets/gov/docs/strategies-and-plans/councilstrategicplan2021-2022</a>	Plan	2021 - 2022; some goals set for 2023+	Holistic



White Rock

White Rock	Official Community Plan	<a href="https://www.whiterockcity.ca/DocumentCenter/View/276/Consolidated---Official-Community-Plan-Bylaw-2017-Num-">https://www.whiterockcity.ca/DocumentCenter/View/276/Consolidated---Official-Community-Plan-Bylaw-2017-Num-</a> Plan	Updated in July 2021	Holistic
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*Note: no recent climate initiative was found.*

LOW POTENTIAL FOR OPPORTUNITY WINDOWS

Anmore

Anmore	Anmore's Greenway Strategy	<a href="https://anmore.com/wp-content/uploads/2021/01/Policy-No.-65-Greenway-Strategy.pdf">https://anmore.com/wp-content/uploads/2021/01/Policy-No.-65-Greenway-Strategy.pdf</a> Strategy	Oct-20	Land Use and Ecosystems
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*Note: no recent climate initiative was found.*

Belcarra

Belcarra	Official Community Plan (OCP) reviewed	<a href="https://belcarra.ca/assets/media/2022/06/OCP-Review-Message-Draft-Plan-Attached.pdf">https://belcarra.ca/assets/media/2022/06/OCP-Review-Message-Draft-Plan-Attached.pdf</a> Plan	Jun-22	Holistic
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Note: no other climate initiative was found.

Electoral Area A					
University of British Columbia	Climate Action Plan 2030	<a href="https://planning.ubc.ca/sites/default/files/2021-12/UBCV_CAP2030_FINAL.pdf">https://planning.ubc.ca/sites/default/files/2021-12/UBCV_CAP2030_FINAL.pdf</a>	Plan	Dec-21	Holistic
University of British Columbia	Zero Waste Action Plan (ZWAP)	<a href="https://planning.ubc.ca/zero-waste-action-plan">https://planning.ubc.ca/zero-waste-action-plan</a>	Plan	In progress	Waste
University of British Columbia	Neighborhood Climate Action Plan	<a href="https://planning.ubc.ca/ncap">https://planning.ubc.ca/ncap</a>	Plan	In progress	Holistic
University of British Columbia	Water Action Plan	<a href="https://planning.ubc.ca/sites/default/files/2019-11/PLANS_UBC_WaterActionPlan.pdf">https://planning.ubc.ca/sites/default/files/2019-11/PLANS_UBC_WaterActionPlan.pdf</a>	Plan	Jun-19	Land Use and Ecosystems
Lions Bay					
Lions Bay	Climate Action Committee	<a href="https://www.lionsbay.ca/sites/lionsbay.ca/files/2022-01/2021_climate_action_committee_tor_-_amended_dec_14_2021">https://www.lionsbay.ca/sites/lionsbay.ca/files/2022-01/2021_climate_action_committee_tor_-_amended_dec_14_2021</a>	Policy	Created February 2021, amended December 2021	Governance, Engagement and Education

**IMPORTANT NOTE:**

The majority of local municipalities in the Metro Vancouver region make their Local Government Climate Action Plans (LGCAPs) publicly available on their websites. While these documents may not cover every detail, they offer a broad overview of the initiatives the municipality is implementing to address climate change, encompassing both mitigation and adaptation efforts. These documents hold the potential to serve as a valuable resource for identifying windows of opportunity for youth engagement, and as this Spreadsheet gradually becomes outdated, it is important for City-Hive to bear these documents in mind. For a compilation of the identified LGCAPs and relevant links, please refer to Appendix C.



Organization	Link to Org	Description	Organization Type	Climate Initiatives, if any	Location(s)	Notes	Partners and Collaborations (if any)
411 Seniors		Lower Mainland's HUB for older adults. This is a place where people can find each other, learn, and connect. They welcome partnerships with other community organizations.	Health, Safety, and Support	They launched a local climate action training workshop series in March, they do various workshops (e.g., extreme heat workshop in June).	Vancouver		City of Vancouver, British Columbia, STAR Institute, SFU, United Way British Columbia
Westminster House Society	<a href="https://www.westminster-house.ca/">https://www.westminster-house.ca/</a>	non-profit women's and youth girl addiction treatment centre located in New Westminister.	Health, Safety, and Support	NA	New Westminster		
Aboriginal Front Door Society	<a href="https://abfrontdoor.org/">https://abfrontdoor.org/</a>	The Vision of Aboriginal Front Door Society is composed of Aboriginal people that are able to walk through life with love, honor, respect, and compassion for all things in creation, including themselves. They address addictions, dependencies, and other issues in a holistic manner using Aboriginal teachings.	Health, Safety, and Support	NA	384 Main Street (off Hastings) Vancouver, B.C. V6A 2T1 Canada		City of Vancouver, SPARK BC, Metro Vancouver Aboriginal Executive Council, VanCity, Moving, Lookout Housing + Health Society

**Appendix B.**

**NOTE:**

**Appendix B does not represent a comprehensive list of all non-profit organizations operating in Metro Vancouver. If your organization is missing, please contact the author or CityHive.**

Aboriginal Housing Management Association	<a href="https://www.ahma-bc.org/">https://www.ahma-bc.org/</a>	25 years of expertise in advancing housing rights for Indigenous Peoples. Canada's first Indigenous grassroots housing authority. AHMA members manage over 95% of all Indigenous housing units located off-reserve in BC.	Housing and Shelter	They are starting to implement many climate-related activities, since public housing/social housing is often old and inadequate to protect people from weather events rendered more frequent and extreme by climate change.	Operates in BC, active in the Lower Mainland	BC Housing, BCNPHA, CHF BC
A Loving Spoonful	<a href="http://www.aloving-spoonful.org/">http://www.aloving-spoonful.org/</a>	A Loving Spoonful is a volunteer-driven, non-partisan Society that provides free, nutritious meals to people living with HIV and co-existing illness in Metro Vancouver and the surrounding areas. Every week, all year round, since 1989, volunteers deliver frozen meals and groceries to individuals and families who are HIV+ and primarily homebound. Average meal cost is only \$4.33.	Health, Safety, and Support	NA	Vancouver, but operates in Lower Mainland	See partnerships at <a href="http://www.aloving-spoonful.org/files_2/partnerships.php">http://www.aloving-spoonful.org/files_2/partnerships.php</a>
Asian Canadian Special Events Association	<a href="https://acsea.ca/">https://acsea.ca/</a>	Asian-Canadian Special Events Association (ACSEA) continues to create sustainable projects in the areas of arts and culture, working with partners across British Columbia, Canada, and internationally.	Newcomers and Settlement Services	NA	Vancouver	Find out what they mean by "sustainable" - see linki provided Multiple partners provided



Baha'i Community of Richmond	<a href="https://www.richmondbahais.org/">https://www.richmondbahais.org/</a>	Since the inception of the Bahá'í Faith in the Nineteenth Century, a growing number of people have found in the teachings of Bahá'u'lláh a compelling vision of a better world.	Faith-based	They have resources on climate change and how the Baha'i community understands it and approaches it (on the worldwide website)	Richmond	The worldwide website has a specific focus on youth
Baobab Inclusive Empowerment Society	<a href="https://baobabinclusive.com">https://baobabinclusive.com</a>	Boabab Inclusive Empowerment Society, is an active grassroots society, delivering services to vulnerable individuals and families in surrey. We have programs for low income women, youths, children and francophone immigrants.	Health, Safety, and Support	NA, could not access their website	Surrey	It looks like there might be interesting opportunities for involvement, since they provide support to vulnerable residents of Surrey
Battered Women's Support Services	<a href="https://www.bwss.org/">https://www.bwss.org/</a>	Battered Women's Support Services provides education, advocacy, and support services to assist all victims and survivors in our aim to work towards the elimination of gender-based violence and to work from a feminist perspective that promotes gender equity.	Health, Safety, and Support	Workshops on the nexus between gender-based violence and climate.	Vancouver	Special projects and grassroots collaborations
Big Brothers of Greater Vancouver	<a href="https://www.bigbrothersvancouver.com/">https://www.bigbrothersvancouver.com/</a>	All children and youth are empowered to reach their full potential through mentorship.	Children and Youth	NA	Greater Vancouver Area	

Big Sisters of BC Lower Mainland	<a href="https://www.big-sisters.bc.ca/">https://www.big-sisters.bc.ca/</a>	They enable life changing mentoring relationships to ignite the power and potential in female, female-identifying, gender fluid, non-binary, transgender and two-spirited youth	Children and Youth	NA	Lower Mainland
Centre for Child Development	<a href="https://the-centre.org/">https://the-centre.org/</a>	The Centre for Child Development of the Lower Mainland has worked to overcome societal barriers for those with disabilities and empower vulnerable children and families throughout the South Fraser Region.	Children and Youth	NA	Surrey
Cinevolution Media Art Society	<a href="https://cinevolutionmedia.com/">https://cinevolutionmedia.com/</a>	Cinevolution media arts society is a grassroots, women-led, migrant-driven film and media arts organization based in Richmond.	Arts and Culture	Minah Lee, their Associate Curator, is interested in working on the intersection between climate resilience and racial justice.	Richmond
Covenant House Vancouver	<a href="https://www.covenanthouse.org/">https://www.covenanthouse.org/</a>	Covenant House Vancouver is committed to serve all youth with relentless support, absolute respect, and unconditional love; to help youth experiencing homelessness; and to protect and safeguard all youth in need.	Children and Youth	They have written about sustainability and eco-friendly activities on their website, but no actual initiative has been undertaken.	Vancouver
DIVERSECity Community Resources Society	<a href="https://www.dcrs.ca/">https://www.dcrs.ca/</a>	Assisting newcomers building their life in Canada	Newcomers and Settlement Services	Organized food justice and sustainability field trips and some talks.	Surrey



Goan Overseas Association of Vancouver	<a href="https://www.goavancouver.com/">https://www.goavancouver.com/</a>	The community organizes many cultural, sports and religious events to promote their culture and pass on their values to the Goan youth for generations to come	Newcomers and Settlement Services	No specific focus on climate or sustainability, but they have a youth committee	Vancouver	Might be interesting to reach out to the youth committee
KidSafe	<a href="https://www.kid-safe.ca/">https://www.kid-safe.ca/</a>	They operate during winter, spring and summer breaks, and after school, providing children facing adversity with safety, educational programming, place-based field trips, delicious meals, unlimited snacks, and more	Children and Youth	NA	Vancouver (7 sites) Various Locations across the Lower Mainland, including Vancouver, Surrey, White Rock, Langley, Burnaby, Delta.	
MOSAIC	<a href="https://mosaic-cbc.org/">https://mosaic-cbc.org/</a>	Provides settlement and employment services for newcomers	Newcomers and Settlement Services	Some sustainability and climate-related activities have been done (mostly workshops and celebrations)	Rock, Langley, Burnaby, Delta.	
NightShift. Love. Hope. Purpose.	<a href="https://nightshiftministries.org/">https://nightshiftministries.org/</a>	NightShift has been providing nightly outreach for people stuck in the cycle of poverty, addiction and homelessness in the Whalley neighbourhood of Surrey since 2004. They do outreach, provide basic services (meals, clothing, etc.), counselling, and education.	Health, Safety, and Support	NA	Surrey and Langley	Faith-based organization, mentions youth involvement

North Shore Restorative Justice Society	<a href="https://www.nsrj.ca/about/our-history">https://www.nsrj.ca/about/our-history</a>	They provide a peaceful approach to crime and conflict that focuses on dialogue, reparation and healing and restorative practices and processes to support children, youth, adults and elders on the North Shore.	Advocacy	No specific program mentioned, but some of their guest speakers were invited to talk about climate justice in particular.	North Shore	Strongly focused on youth involvement, definitely an opportunity to collaborate
PIVOT. Equality lifts everyone	<a href="https://www.pivotlegal.org/">https://www.pivotlegal.org/</a>	Working in partnership with marginalized people and grassroots organizations to challenge legislation, policies, and practices that undermine human rights, intensify poverty, and perpetuate stigma. Mostly working on the legal side of things.	Advocacy	NA	Downtown East Side	Climate is relate to the other social vulnerabilities that this organization is working on, thus there might be opportunities for collaboration.
RainCity Housing	<a href="https://www.raincity-housing.org/">https://www.raincity-housing.org/</a>	Social housing providers. Operating in various municipalities. They provide: temporary shelters, transitional housing, long-term housing, housing for women-led families, outreach-based housing programs	Housing and Shelter	NA	Metro Vancouver	
Reel Youth	<a href="https://reel-youth.ca/index.html">https://reel-youth.ca/index.html</a>	Media empowerment project supporting youth, adults & orgs to create & distribute films reflecting their vision for positive change.	Arts and Culture	NA	Vancouver and Toronto	



Richmond Cares, Richmond Gives	<a href="https://www.rcrg.org/">https:// www. rcrg.org/</a>	Encourages and facilitates local philanthropy to ensure that Richmond's charitable sector has the resources it needs to make a meaningful impact in the community. They run many programs.	Health, Safety, and Support	NA	Richmond	A lot of programs focused on young people
Richmond Multi-cultural Community Services	<a href="https://www.rmcs.bc.ca/">https:// www. rmcs. bc.ca/</a>	Supports newcomers with a range of activities and programs	Health, Safety, and Support	NA	Richmond	Many programs focusing on youth
Richmond Youth Service Agency	<a href="https://connection-scommunity-services.com/">https:// con- nection- scom- munity- services. com/</a>	Programs in several key areas: We support children through our Before and After School program and our School Break Camps; we offer youth volunteer and leadership opportunities through our Intergenerational Programs; we support Indigenous Youth and Families through our Outreach and Support Program and we work with youth in our Employment Programs.	Children and Youth	NA	Richmond	They have many programs for youth

Richmond Poverty Reduction Coalition	<a href="https://www.richmond-prc.org/">https://www.richmond-prc.org/</a>	The Richmond Poverty Reduction Coalition (RPRC) is a group of community volunteers comprised of local social services, the faith community, community organizations and members of the public including those affected by poverty. Goal is working towards policy alleviation.	Health, Safety, and Support	They recognize that the climate crisis is connected to poverty.	They run various programs and are looking for opportunities for collaboration
Sources Community Resources Society	<a href="https://www.sources-bc.ca/about-us/">https://www.sources-bc.ca/about-us/</a>	They provide support to the community through programs focusing on employment, health, housing, hunger, autism and counselling.	Health, Safety, and Support	NA	White Rock, Surrey, Delta, Langley, Prince George, Parksville Programs for youth and young adults
S.U.C.C.E.S.S.	<a href="https://success-bc.ca/">https://success-bc.ca/</a>	Non-partisan, non-profit multicultural organization serving newcomers, seniors, youth and families.	Newcomers and Settlement Services	NA	Various locations in the Lower Mainland. Various programs, some tailored to youth.
UNYA	<a href="https://unya.bc.ca/">https://unya.bc.ca/</a>	UNYA provide space for urban Indigenous youth to feel a positive sense of belonging, and to connect with culture and community.	Health, Safety, and Support	NA	All programs and activities tailored to Vancouver youth.
Vancouver and Lower Mainland Multicultural Family Support Society (VLMFSS)	<a href="https://www.vlmfss.ca/our-organization">https://www.vlmfss.ca/our-organization</a>	VLMFSS is non-profit organization offering free and confidential services to immigrant, visible minority, refugee and women without immigration status and their families who are experiencing family violence.	Health, Safety, and Support	NA	Located in Burnaby but serving the whole Metro Vancouver



Vancouver Second Mile Society	<a href="http://www.vsms.ca/">http://www.vsms.ca/</a>	Vancouver Second Mile Society exists to address the social, recreational, nutritional and informational needs of low-income seniors in Downtown Vancouver. Vancouver. It aims to see low-income seniors in Vancouver's urban core live healthy, fulfilling lives.	Health, Safety, and Support	NA	Downtown Vancouver
Vancouver Tenants Union	<a href="https://www.vancouvertenantsunion.ca/">https://www.vancouvertenantsunion.ca/</a>	VTU seeks to build a base of tenants throughout the city to establish political power to create change.	Housing and Shelter	They often talk and try to address indoor environmental quality issues (especially thermal comfort - extreme heat, cold, etc.)	Vancouver
Watari Counseling and Support Services	<a href="https://www.watari.ca/youth-programs-watari/youth-outreach/">https://www.watari.ca/youth-programs-watari/youth-outreach/</a>	Watari was created in 1986 as a response to the lack of services and programs available for high-risk street involved youth in Vancouver. Since then, Watari has helped thousands of people in the Downtown Eastside and the surrounding communities.	Health, Safety, and Support	They have Food, Land, and Cultural programs related to sustainability	Definitely a lot of potential for collaboration. Downtown East Side
West Coast LEAF	<a href="https://www.westcoastleaf.org/">https://www.westcoastleaf.org/</a>	Over 50% of Vancouver households are rentals, yet tenants continue to be disempowered and disconnected.	Housing and Shelter	They mention climate and sustainability in some of the blog posts they published on their website, although no specific program is mentioned.	Based in Vancouver, operating in British Columbia They do public legal education and community outreach, which might be interesting for City-Hive.

Women Transforming Cities	<a href="https://www.womenentransformingcities.org/">https://www.womenentransformingcities.org/</a>	Grassroots non-profit organization based in Vancouver, Canada working to dismantle intersecting systems of oppression with equity-deserving genders and movements.	Advocacy	NA	Based in Vancouver
Workers Solidarity Network	<a href="https://worker-solidarity.ca/">https://worker-solidarity.ca/</a>	The Worker Solidarity Network consists of non-unionized and precarious workers across B.C. that advocate for rights and interests as workers while taking collective action to improve labour standards for all.	Advocacy	They have some interesting initiatives in terms of preventing extreme heat in the workplace and establishing a “climate leave”, the right to take one or more days off due to climate change-driven events	Across BC, active in the Lower Mainland
YMCA BC	<a href="https://www.ymca.ca/">https://www.ymca.ca/</a>	Part of an international and national movement that has brought lasting social change for over 136 years; cared for children, shaped leaders for tomorrow and helped generations of people come together to find support, get healthier and make friends for life. Create vibrant and healthy communities with a shared sense of social responsibility, where children and families can thrive and experience better health in spirit, mind and body.	Children and Youth	They have a Youth Leadership Development Program focusing on various topics. Among them, climate action.	They serve the Lower Mainland, various locations.



MUNICIPALITY	LINK TO LGCAP
Burnaby	<a href="https://www.burnaby.ca/sites/default/files/acquiadam/2023-04/Burnaby-Submission-Report.pdf">https://www.burnaby.ca/sites/default/files/acquiadam/2023-04/Burnaby-Submission-Report.pdf</a>
New Westminster	Not found
City of North Vancouver	<a href="https://www.cnv.org/Community-Environment/Climate-Action/Climate-Targets">https://www.cnv.org/Community-Environment/Climate-Action/Climate-Targets</a>
District of North Vancouver	<a href="https://www.dnv.org/sites/default/files/edocs/DNV-LGCAP-survey-submission-report-2022.pdf">https://www.dnv.org/sites/default/files/edocs/DNV-LGCAP-survey-submission-report-2022.pdf</a>
Richmond	<a href="https://www.richmond.ca/_shared/assets/LGCAP_202265663.pdf">https://www.richmond.ca/_shared/assets/LGCAP_202265663.pdf</a>
Surrey	Not found
Vancouver	<a href="https://vancouver.ca/files/cov/vancouver-2022-lgcap-report.pdf">https://vancouver.ca/files/cov/vancouver-2022-lgcap-report.pdf</a>
Bowen Island	<a href="https://bowenisland.civicweb.net/document/270865/">https://bowenisland.civicweb.net/document/270865/</a>
Coquitlam	<a href="https://www.coquitlam.ca/DocumentCenter/View/8671/LGCAP--Coquitlam-Survey-Submission-Report-2022-PDF">https://www.coquitlam.ca/DocumentCenter/View/8671/LGCAP--Coquitlam-Survey-Submission-Report-2022-PDF</a>
Delta	<a href="https://www.delta.ca/sites/default/files/2022-08/Delta%20Survey%20Submission%20Report%202022.pdf">https://www.delta.ca/sites/default/files/2022-08/Delta%20Survey%20Submission%20Report%202022.pdf</a>
Langley	<a href="https://langleycity.ca/sites/default/files/uploads/Sustainability/2022%20LGCAP%20Survey.pdf">https://langleycity.ca/sites/default/files/uploads/Sustainability/2022%20LGCAP%20Survey.pdf</a>
Township of Langley	Not found
Maple Ridge	<a href="https://www.mapleridge.ca/DocumentCenter/View/30311/Local-Government-Climate-Action-Program---2022-Survey-Submission">https://www.mapleridge.ca/DocumentCenter/View/30311/Local-Government-Climate-Action-Program---2022-Survey-Submission</a>
Pitt Meadows	<a href="https://www.pittmeadows.ca/sites/default/files/2022-08/Pitt%20Meadows_Survey%20Submission%20Report_2022.pdf">https://www.pittmeadows.ca/sites/default/files/2022-08/Pitt%20Meadows_Survey%20Submission%20Report_2022.pdf</a>
Port Coquitlam	Not found
Port Moody	<a href="https://www.portmoody.ca/en/recreation-parks-and-environment/resources/Documents/Climate%20Action/Port%20Moody_LGCAP%20Survey%20Submission%20Report_Jun%202022.pdf">https://www.portmoody.ca/en/recreation-parks-and-environment/resources/Documents/Climate%20Action/Port%20Moody_LGCAP%20Survey%20Submission%20Report_Jun%202022.pdf</a>
Tsawwassen First Nation	Not found
West Vancouver	<a href="https://westvancouver.ca/sites/default/files/West%20Vancouver_LGCAP%20survey%20submission%20report_2022-Final.pdf">https://westvancouver.ca/sites/default/files/West%20Vancouver_LGCAP%20survey%20submission%20report_2022-Final.pdf</a>
White Rock	<a href="https://pub-whiterockcity.escribemeetings.com/filestream.ashx?DocumentId=6525">https://pub-whiterockcity.escribemeetings.com/filestream.ashx?DocumentId=6525</a>
Anmore	Not found
Belcarra	<a href="https://belcarra.ca/assets/media/2022/09/2022-Climate-Action-Program-Survey-Submission-Report-Belcarra_LGCAP.pdf">https://belcarra.ca/assets/media/2022/09/2022-Climate-Action-Program-Survey-Submission-Report-Belcarra_LGCAP.pdf</a>
Electoral Area A	Not found
Lions Bay	Not found

**Appendix C.**

**NOTE:**

As mentioned, BC Local Government Climate Action Program Survey (LGCAP) is an important tool for CityHive to remain updated yearly on the progress made by municipalities in Metro Vancouver and BC. The surveys could be used to identify opportunity windows in the future.



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