



CITY GONE WILD

Bradley Elliott | Adelle Therias | Tristan Brimble | Keiryn Matthews
Final Report | December 4, 2017

CITYSTUDIO

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We would also like to thank the following individuals and organizations for their invaluable contributions and support that made City Gone Wild a success:

SFU Semester in Dialogue for providing the funding to make this project possible.

The CityStudio team (Dr. Janet Moore, Liza Novak, Adrian Sinclair, Duane Elverum, Miriam Esquitin, Ileana Costrut, Julia Scoot Lenz, Mo Shakeri, and Rochelle Heinrichs) for providing guidance and support. CityStudio Vancouver is an innovation and experimentation hub for the City of Vancouver in collaboration with seven of Vancouver's post-secondary institutions.

Paul Krueger from VIVA Vancouver, who was the Fall 2017 SFU Semester in Dialogue cohort's staff contact at the City of Vancouver. Viva Vancouver works with community partners to create great places by reallocating road space, testing new ideas, and removing barriers that discourage public life.

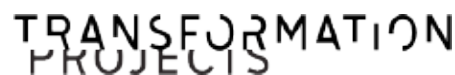
Ben Z Cooper from Hfour, an experimental design studio focused on creating memorable experiences. Ben created artistic projections under the Cambie Bridge and provided colourful lighting on the project launch day (Bridge Warming).

Jason Hsieh, and Angela Danyluk from the City of Vancouver Greenest City team, who provided technical support and knowledge.

Rebecca Till, Dana McDonald, and Nick Page from the Vancouver Parks Board, who shared insight on educational engagement and provided access to plants.

Lori Snyder, an Indigenous herbalist who shared her knowledge by leading walking tours through the installation.

Shifting Growth, Invivo Design, ReWild Vancouver, By Nature Design, Sunset Nursery, Portable Electric, and Urban Source, who loaned and donated all materials used to build the project.



The Team

Tristan Brimble (Director of Construction)

- Geography, SFU tristanbrimble@gmail.com

Tristan was born in Eastern Canada but spent most of his youth on Vancouver Island. He is passionate about environmental education and believes that immersion in nature is an integral part of any childhood. He hopes to translate his geography undergrad into a planning degree in order to affect social and environmental change at the community level. He loves living in British Columbia and travelling to distant places in search of new ideas, experiences and cultures.

Brad Elliott (Director of Horizontal Vegetation)

- Resource and Environmental Management, SFU bradleye@sfu.ca

Bradley lives and grew up in New Westminster with a love for the outdoors. His interest in the outdoors has translated into a passion for photography and his choice of studying Resource and Environmental Management at SFU. At CityStudio, Bradley is looking to combine a fascination for sustainability with community engagement to learn more about fostering connections in the public sphere. Bradley's curious nature allows him to be open to many amazing adventures!

Kieryn Matthews (Director of Building Facades, Materials and Education)

- Environmental Science, SFU kierynm@sfu.ca

Kieryn was born in Whitehorse, raised in Nanaimo and came to Vancouver to attend SFU. Her passion for the outdoors and sustainability is reflected in her studies as student in the Environmental Science program. She is proud to call herself a scientist and was motivated to join CityStudio by a desire to get out of lecture halls and labs to work in an engaging environment. She hopes to share her passions with others, using education to get others excited about science and creating sustainable communities.

Adele Therias (Director of Vertical Vegetation)

- Environmental Geography, UBC, atherias@sfu.ca

Adele grew up in France and came to Canada as a teenager. Having moved numerous times throughout her life, she values supportive and sustainable communities. As a student, she has completed community-based projects in Surrey, Williams Lake and Bowen Island that built on local assets to address community goals. She enjoys facilitating conversations between community members and finding solutions to complex social and environmental problems. She is also passionate about building community resilience in Vancouver.



Project Summary

Vision

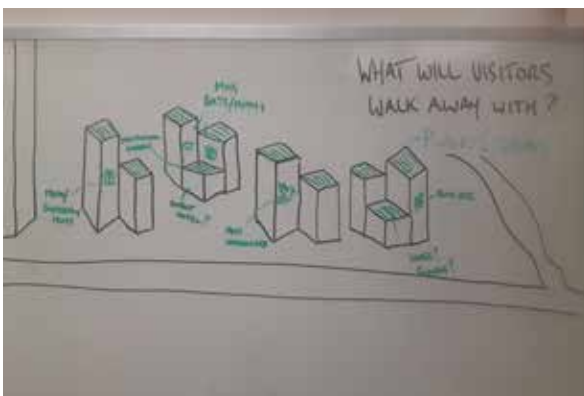
As the city develops, we recognize that underutilized public spaces have huge potential to grow native plants and enrich the urban biodiversity. Edible and medicinal plants could become widely available and harvested on public land, and residents could recognize the value of incorporating native plants into their own gardens. Returning native plants to the city will have immense benefits for our ecological and social well-being. Our project showed what a wilder city could look like.

Installation

City Gone Wild was an educational installation that showed the potential of underutilized urban spaces to enhance biodiversity in a rapidly developing city. Visitors were invited to explore a "city" of garden box towers that incorporated native plant species on the building roofs and walls, with educational signage about each species' medicinal and edible properties. Preserved moss art were incorporated to illustrate the importance of pollinators in the city. The display was entirely created from loans and donations from local businesses and organizations that are involved in greening and rewilding initiatives in Vancouver

Engagement

Walking tours brought the city to life: Indigenous herbalist Lori Snyder shared her stories, recipes and knowledge of native plant species. Two one hour tours were organized and between 5-15 people participated at once, staying for around 15 minutes at a time. Participants engaged with the installation in a variety of ways: they participated in the walking tours and tasted local jam and honey, read the signage, engaged in deep conversation, took photographs of/with the display and connected with local businesses and organizations. People who engaged on their own stayed between 5 and 30 minutes. Visitors left with a deeper appreciation of the importance of incorporating native species into public and private land for a healthier society and ecosystem.



Deep Need

City Gone Wild was created to address the need for integrating native plants into our built environment. The City of Vancouver and other organizations are working to create a rich and vibrant urban ecosystem that meets our environmental, social and cultural needs. Our group chose to focus on the Vancouver Board of Parks and Recreation Biodiversity Strategy, which aims to enhance and restore 25 hectares of natural area by 2020. We aligned our project with two priority actions. Priority Action number 4 emphasizes incorporating smaller natural features into new and redeveloping lands. Priority Action number 8, identifies the need to teach homeowners the value of biodiversity through education and stewardship.

Timeline

Week of...

- Oct. 8 *Group selection*
- Oct. 15 *Ideation*
- Oct. 22 *Committee selection, research, and more ideation*
- Oct. 29 *Contact stakeholders*
- Nov. 5 *More stakeholder meetings and maker labs workshop*
- Nov. 12 *Acquiring materials and construction*
- Nov. 19 *Construction and final preparations*



The Five S` s

City Gone Wild was built on an existing movement towards rewilding and greening the city. As we reached out to the community, we were met with enthusiasm and expertise. We realized that the conversation around native plants is very active in Vancouver. As a result, our project turned into a display of knowledge and resources that could connect people with solutions in the city.

Staff

We spoke with two members of the City of Vancouver Greenest City team: Jason Hsieh, Assistant Planner and Angela Danyluk, Sustainability Specialist, who shared their knowledge of the City's goals around rewilding. They identified some important past restoration projects, helped us explore the meaning of ecological restoration in urban spaces and provided some guidance as to how our space could be rewilded in the long term.

We also received advice from several staff at the Vancouver Board of Parks and Recreation. Rebecca Till, Citywide Green Programmer, and Dana McDonald, Environmental Stewardship Coordinator, shared insight on educational strategies. They encouraged us to keep our educational material concise and engaging, and to focus on the feeling we wished to create rather than attempting to incorporate too much information. Nick Page, Ecologist, agreed to lend us over 75 ferns from Sunset nursery.

Support + Stakeholders

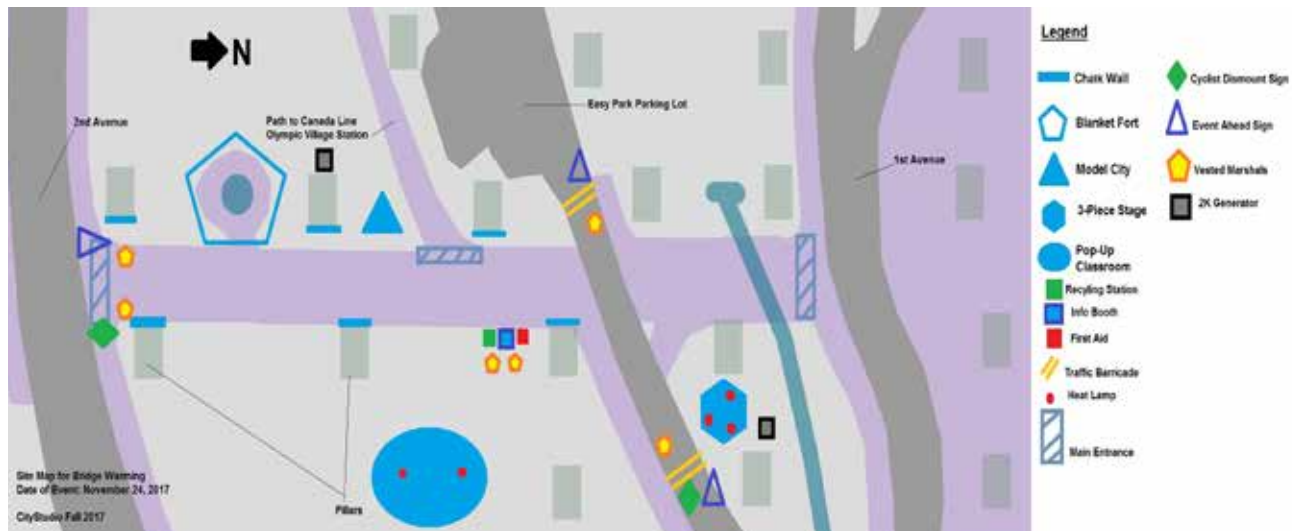
We received almost \$17 000 worth of materials in loans and donations. Chris Reid, the founder of Shifting Growth, a registered charity that builds temporary community gardens on private vacant land, lent us 80 temporary foldable and stackable garden boxes totalling over \$7 000 in value. We were inspired to transform them into our city buildings. Dr. Yael Stav, an expert in vertical vegetation with Invivo Design, lent us 30 sets of upcycled vertical hanging pockets. We used them to create an eye-level plant display. Over 100 native plants were graciously loaned to us by Dr. Nick Page and Janice Bishop at Sunset nursery. Over 75 native plants were loaned by Tamara Litke from Rewild Vancouver, a UBC Masters in Education student project that aims to educate and empower Vancouver's residents to add biodiversity to residential spaces. After the installation, the group reused the plants by selling Rewilding kits to community members. By Nature Design, a green interior design business, donated preserved sheet moss and studio time for the group to create moss art. Urban Source, a local shop that sells upcycled art materials, donated some of the materials used to decorate the building facades.

We invited Lori Snyder, an indigenous educator and herbalist with a deep knowledge of medicinal and edible plants, to lead walking tours through the site. Lori offers opportunities to reconnect to the land and leads people to tap into wisdom of the ancestral knowledge of healing plants and how to create and connect community.

Continued

Site

This project took place under the South side of Cambie Bridge as part of the Bridge Warming event (49° 16' 2.16"N, 123° 6' 53.81"W)



*Site Map

Stewardship

The project was met with significant interest from city staff and community members. While the materials have been returned to the businesses and organizations from which they were borrowed, a toolkit has been created which will allow similar installations to take place in the future (see Appendix A). As a result of our project, the leadership team of the UBC Agronomy Garden, a demonstration food-growing garden led by students, has decided to incorporate native plants from ReWild Vancouver. They will also make use of City Gone Wild educational signage and connections to expand their outreach about edible and medicinal local plants.

Scalability

City Gone Wild could be scaled in different directions. The project could scale out by inspiring organizations or people involved in the rewilding movement to recreate similar temporary educational installations in different locations (see toolkit, Appendix A). It could scale up by initiating permanent rewilding projects under the Cambie Bridge or in similarly underutilized urban spaces. Finally, City Gone Wild could be scaled deeply by changing the urban vegetation regulations and recommendations put forward by the Vancouver Board of Parks and Recreation and the City of Vancouver to encourage more native plant species and consideration of the local ecology.

Challenges

When initially given the space under Cambie Bridge it was difficult to picture what we could do with it and how we could make it green in the winter months. It was a long process of ideating and determining what our limitations were. Could we attach structures to the pillars? What kind of plants would look good in the winter? Many of our original ideas were deemed unfeasible but with the support of our stakeholders, we found the right materials to create a large eye-catching project.

There were many challenges when prototyping exactly how our re-wilded city would look. How were we going to attach the plants? How would we make the boxes look like buildings? Originally we planned to create building windows from reflective paper. However, the process was very time consuming and didn't look as good as expected. (photo 1)

We moved to plan B and spray painted bricks on building facades, using a cardboard stencil. (photo 2)



*Photo 1



*Photo 2

To hold the plants on top of the buildings, we made shelves from recycled wooden pallets (photo 3).

Given that we were relying on loans and had no guarantee that we would receive enough plants, we made sure to plan for alternative ways to make the city green, including using astroturf on the building roofs. Time constraints were a concern to get everything we needed organized for the day of the event.

On event day, it took nearly five hours to set up for a five hour event, which we deemed too long for a temporary installation. Despite our efforts to label each garden box and keep them grouped, they ended up out of order and some were unlabeled, which made the set-up time even more lengthy (photo 4).

Also, this installation occurred within the larger Bridge Warming event, for which each group member also had specific responsibilities. It was challenging to balance the priorities between our project and the large event, which required the set-up of heating lamps, seating, welcome booths, and signage.

Continued



*Photo 3



*Photo 4

Feedback

Visitors were intrigued by the quiet, peaceful, plant filled space we created under the bridge. There were many positive comments about Lori's tours: people learned useful plant facts, started looking at native plants in a new light, and enjoyed the storytelling experience that Lori brought to the site. She shared samples of local jam, infused honey, and vinegar which encouraged people to have a tactical learning experience. She also passed the plant pots around so that participants could interact with the plants more closely, especially as the evening became darker. Visitors enjoyed seeing plants and signage at eye level, finding it easier to engage with than the average garden. Many visitors were curious to know more about existing organizations, the different products on display and the different plant species, so we facilitated connections to the organizations that helped us create the City Gone Wild.



Recommendations

As mentioned above, the City Gone Wild installation has the potential to be recreated in various sites. The following recommendations can help guide future iterations of the project and are also applicable to other installation projects.

Ideation

As you begin your ideation, one of your first tasks should be to select a City of Vancouver Strategy and specific target. It is important to identify the problem that you are trying to solve as a team. Then, take some time to ideate how you could solve the problem, saying “yes, and...” to every single idea. That is how you will find the passion in your group. Identify the essence of your project (City Gone Wild was initially all about ecological restoration) and meet with every possibly relevant stakeholder and city staff that answers your request. By having numerous meetings early in the process, you will find out what has already been done, and you will be pulled by people and groups who want to support you. Once your idea crystallizes into a more specific form, take the time to prototype: make a scale model of your project, imagine how the engagement will happen and do not be afraid to change things up multiple times!

Set-Up

Due to the labour-intensive and complex nature of the installation, our first recommendation is to plan a longer-term version of City Gone Wild (e.g. 1 week). It could then become a destination for a variety of groups (e.g. school tours) and could host multiple informational workshops and activities. Leading up to set-up day, create an installation footprint with building numbers, label every building facade and make sure the planter boxes are transported to the site in order. Make a set-up materials checklist. On the day of installation there will be many more things to think about than you will expect! Make a materials list beforehand and include items such as tape, a screwdriver, a hammer, a measuring tape, a pen, and anything else that could be needed to address unforeseen challenges.

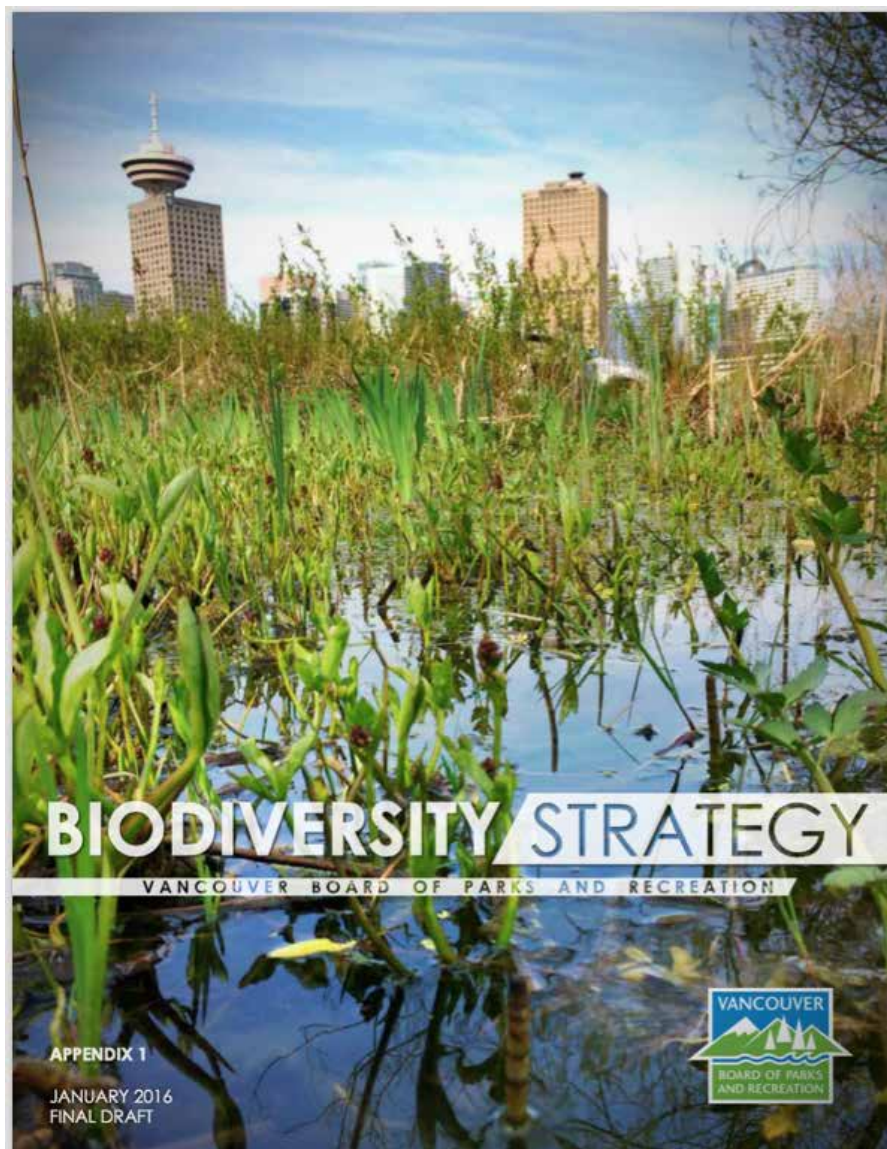
Engagement

The City Gone Wild had a hugely positive response. In order to improve and extend the impact of the installation, we recommend incorporating more tactical interaction with the plants. For example, an opportunity to plant seedlings or seeds in the smaller buildings would allow some people to get their hands dirty. Another recommendation is to think more deeply about how to engage children in the site. Incorporating plant-based games or crafts could tailor the educational piece to younger visitors. Finally, we found it difficult to measure the magnitude of interaction in our site. For this reason, plan a method of measuring engagement and allowing for follow-up with interested people, such as having an opportunity for visitors to share their thoughts (e.g. guest book). Finally, in order to have a greater impact on the local community, the project could embed stewardship into the installation by selling or giving away plants or seeds, or inviting local residents to take part in the design or set-up of the installation.

References

Vancouver Board of Parks and Recreation. 2016. *Biodiversity Strategy*. Vancouver, BC. http://parkboardmeetings.vancouver.ca/2016/20160201/REPORT_BiodiversityStrategy20160201.pdf

The Vancouver Park Board's Biodiversity Strategy presents a goal, target, objectives, and actions for supporting biodiversity in parks, and on other public and private lands, across the City of Vancouver. Together with the Urban Forest Strategy, the Rewilding Action Plan, and the Vancouver Bird Strategy, it provides a foundation for protecting and restoring natural areas, species, and ecological processes, and for improving access to nature in all of Vancouver's neighbourhoods. It describes strategies to restore priority habitats such as forests, wetlands, and shorelines as part of a city-wide ecological network, to change the Park Board's operations to better support biodiversity, and to celebrate biodiversity as an important part of city life



Appendix A: Tool Kit

Overview

This toolkit provides information necessary for the implementation of a public engagement project that showcases native plant species by using a miniature cityscape as a canvas. The intention is to create a space where residents can connect with representatives from local green businesses to discuss the role communities can play when inviting nature back into urban environments.

Scope

As global urbanization continues it is increasingly important that cities work to integrate native flora and fauna into the developing urban landscape. The initial test city for this intervention Vancouver, Canada is widely viewed as one of the greenest cities in the world, yet initiatives designed to incorporate nature into the urban core have not always addressed the importance of including species native to the region. This creates challenges for pollinators and other animals reliant on a particular ecological environment to flourish.

It is widely accepted that exposure to natural environments is largely beneficial for all cohorts of society. Children need parks to play in, adults rely on the environmental services offered by urban forests and seniors require green spaces to stay active and connect with one another. A holistic approach to providing for these necessities promotes native over invasive species with an understanding that all elements of an ecosystem depend on each other. If inviting nature back into cities can improve citizens health and wellbeing, inviting nature that is indigenous to an area back into the built environment may produce exponential benefits for both human society and the innumerable species we rely upon to thrive.

Engagement

Public communication is an integral component of this intervention, as outcomes depend on creating connections between community members and organizations. Engagement for a project of this scope should occur on at least three different platforms: beginning with social media, followed by outreach to local residents and businesses, concluding with direct contact with visitors at the time of the event.

Assessment

An analysis of the local context is imperative before commencing planning stages. Some key questions to address may include:

- What underused urban public spaces might be activated for this project?
- What private lands might be amenable to a temporary installation before future use?
- What support can be expected from municipal, regional or national government?
- What precedents have been set by institutions that may inform the process?
- What resources may be acquired from supportive local green enterprises?

Appendix A: Continued

- What forms of ecological knowledge are available? What mediums exist to express?

Process Planning

Stage 1: Stakeholder outreach

1. Contact local government representatives who promote local biodiversity
2. Contact local businesses that work to promote and protect nature within the city
3. Contact local nurseries/community gardens that might provide native plants
4. Contact local institutions that can provide financial and educational support
5. Reach out to community organizations and individuals to grow interest around the project and identify possible rewilding stewards of the space.

Stage 2: Design & Construction

1. Cut 1x8 softwood boards to desired width/length of each “buildings” footprint
2. Affix door hinges to corners in order to connect four boards into a rectangle
3. Drill exposed brackets on the inner base of each board to facilitate stacking
4. Attach a wooden pallet, cut to size, onto the highest rectangle to rest plants on
5. Use a stencil or other materials to design building facades on exposed surfaces
6. Hang vertical gardening pockets on some surfaces and fill with local plants
7. Add informational signage, engagement pieces with local context to cityscape
8. Light and heat outdoor space adequately to ensure comfort of visitors

Stage 3: Public engagement

1. Local experts host tours/workshops discussing importance of native species
2. Visitors are connected with local businesses that promote city greening

Evaluation

An important component to this public engagement strategy is the ability to provide those who control urban planning with valuable data regarding community response to the project. Feedback can help promote future installations with similar intentions and advise government on policy changes that increase urban biodiversity. Data may be gathered by various means, including direct responses from site visitors and written responses to prompts designed to discover the overall impact of the project.

Fiscal Tools

The cost of this engagement project will increase as the scale grows. As an example, the cost of constructing 13 structures with heights ranging from 3’ to 6’ and populating them with native species, artwork and educational signage was roughly \$17,000 CAD, although the vast majority constituted in-kind donations and only \$336 CAD was paid out-of-pocket. Therefore, this type of public engagement project can be seen to rely heavily on supportive businesses, institutions and local government representatives. Taking time to build strong relationships cannot be understated, as these will translate to not only financial support but also more widespread community interest. It also has the power to promote the local green economy. With the right balance of local support this project could be executed without incurring any expenses.

Appendix B: Media Release

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FOR IMMEDIATE RELEASE

Contact: Alyssa Quan

Phone: 778-866-6415

Email: alyssaq@sfu.ca

Cambie Street Bridge Warming

November 24th, students set out to reimagine public space, bringing life to the underside of the Cambie Street Bridge.

When it comes to outdoor life in Vancouver, we excel in the summer time, hosting street festivals, outdoor concerts, beach nights and block parties. However, we are still learning as a city how to activate public space in the winter, bringing people outdoors despite the weather being cold and grey.

This is the challenge accepted by the most recent cohort of students in SFU's Semester in Dialogue at CityStudio, as they explore the untapped potential and possibilities in Vancouver's covered spaces. CityStudio Vancouver is an innovation hub bringing together students from SFU, UBC, BCIT, Langara, Emily Carr and NEC, as well as City of Vancouver staff, and community stakeholders. Together, they work to develop projects for a more joyful, liveable and sustainable city. On November 24th, discover for the first time the huge potential of building a series of engaging and joyful public spaces protected from the elements under the bridges of Vancouver. In collaboration with Viva Vancouver and experimental design studio HFour, CityStudio is proud to launch Bridge Warming, a free outdoor event.

On Friday the 24th, from 3pm-8pm, the public is invited to connect, play and celebrate together under the bridge between 1st and 2nd Avenue with five innovative, student-lead projects inspired by Vancouver's Healthy City Strategy - Four Year Action Plan.

- **Patio Jams** - Join us for an interactive jam session at our pop up performance space!
- **Chalk Talks** - Share your own thoughts and creativity with our participatory chalk walls.
- **Buddy Up** - Visit our outdoor living room for sharing skills, books and stories.
- **Connect Fort** - Hang out in Vancouver's first large-scale public blanket fort.
- **City Gone Wild** - Explore our miniature gardenscape city and learn about the importance of native plants.

At sundown, Hfour brings awe and wonder back to our oversaturated world. Be immersed in projections and lighting, alongside live music to end off the night.

"We're excited to get out of the classroom and into the real world," says Hans Sy, one of the participating students. "We're glad to have this opportunity to create something as part of the community, for the community."

"That's the magic of CityStudio," states Janet Moore, Co-Director and Co-Founder. "These students bring fresh ideas and optimism to civic engagement."

Come experience the coziness of an outdoor winter common area. We invite you to get outside on a rainy dark day and add to the energy that we are seeding under the Cambie Street Bridge.

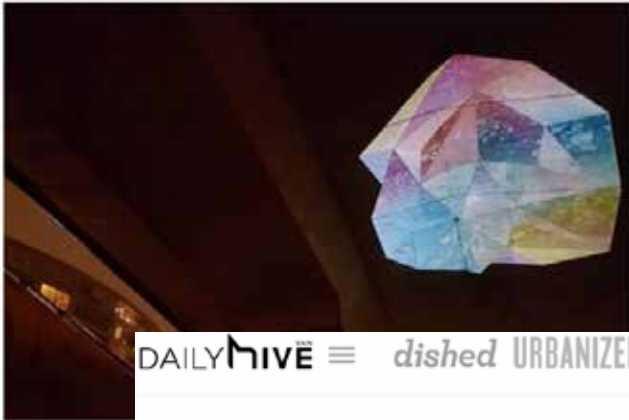
We will be accepting donations on site of blankets and warm clothing items for the Union Gospel Mission.

Please see the Bridge Warming Facebook page: <https://www.facebook.com/events/1769869969988286/>
For more information on the CityStudio program visit: <http://www.citystudiovancouver.com/>

Appendix B: Media Release Coverage

Find art...under a bridge

"Come down to enjoy an oasis of light in the darkness of winter," state the artists behind Vancouver's latest bridge-project art project. On Friday evening, artists from Hfour and Viva Vancouver are using concrete as canvas for Enigmatic Colouration. "We'd like to bring some brightness to the end of your week and the start of your weekend," they said. "We aim to bring the wonder and awe back to colour." Plus CityStudio is throwing a "bridge warming" alongside it, both underneath Cambie Bridge near 1st Avenue Friday 5-10 p.m. [More information on the free event on Facebook.](#)



DAILYHIVE *dished* URBANIZED

Events

Blanket fort, jam sessions, and light show coming to Cambie Bridge

Jenni Sheppard
Nov 17, 2017 11:35 am 1,740



NOV
24

Bridge Warming

Public - Hosted by Viva Vancouver and CityStudio Vancouver

✓ Going

24 November at 15:00–20:00
5 days ago

Under the Cambie Bridge - South
Vancouver, British Columbia

Show map

Appendix C: Posters

BRIDGE WARMING

BRINGING LIFE TO AN UNDERUSED SPACE

24th November, 2017
3:00pm–8:00pm

WHAT WOULD MAKE YOU STAY?

FEATURING IMMERSIVE PROJECTIONS BY HFOUR
AND STUDENT PUBLIC SPACE ACTIVATIONS

Under the South Side of the Cambie Bridge
Steps from Olympic Village Station

CITYSTUDIO **SFU** **SEMESTER** **AN DIALOGUE** **HFOUR** **VIVA** **HAN** **SIN** **VER**

CityGoneWild

A cityscape garden that educates visitors about the importance of native plants for urban biodiversity, while featuring creative ways to incorporate the wild into urbanized areas.

TEAM



Kielyn Mathews
Tristan Brimble
Adele Therias
Bradley Elliott

PURPOSE

Integrate native plants into our built environment to create a rich and vibrant urban ecosystem that meets our environmental, social and cultural needs. Through education and stewardship we are looking to teach people about the value of biodiversity. We are showcasing native plants, their uses, and their importance and inspiring them to help protect and enhance biodiversity in our rapidly developing city.

OUTCOME

Visitors leave with a deeper appreciation of the importance of inviting native species back into urban spaces that promoting a vibrant and complete local ecosystem can lead to a healthier society. To provide an illustration where connections between people and local groups are strengthened, inspired, protected and celebrated. Also, showcasing the value the local biodiversity, cultures and peoples.

PROCESS

We constructed a 1/20th scale miniature green cityscape beneath the Cambie Bridge on November 24th, 2017. Guests were invited to walk through our "Greenest City" to learn about the role that native plants and pollinators play in a healthy urban ecosystem. The installation featured native plants and indigenous plants and moss art. Both a local expert and indigenous educator spoke on biodiversity and rewilding the city.

A model for City Game Wild is available at the Cambie Bridge. We will continue to facilitate conversation around biodiversity in built, developing and underutilized spaces in the city.

CITYSTUDIO

CityStudio Vancouver is an innovation and experimentation hub for the City of Vancouver in collaboration with seven of Vancouver's postsecondary institutions (BCIT, ECJAD, Langara, SFU, UBC, VCC and NECC). CityStudio has contributed more than 100,000 hours of time to support City goals and strategies like the Greenest City Action Plan and Healthy City for All strategy. Learn more @CityStudioVan.

CITYSTUDIO

PortableElectric urban source
SUSTAINABLE ENERGY SOLUTIONS

invivo
GREEN PROJECTS

shifting
growth

TRANSFORMATION

[NATURE]
FOR URBAN LIFE

CITY OF VANCOUVER

Appendix D: Budget

ITEM	ESTIMATED COST	ACTUAL COST	DONATION VALUE
Plants	\$0.00	\$0.00	\$1,700.00
Prototype Material	\$0.00	\$0.00	\$50.00
Astroturf	\$0.00	\$0.00	\$6,750.00
Building Material	\$0.00	\$0.00	\$7,140.00
Vertical Garden Pockets	\$0.00	\$0.00	\$1,070.00
Lights	\$0.00	\$0.00	\$50.00
Paint	\$0.00	\$0.00	\$100.00
Transportation	\$50.00	\$78.00	\$0.00
Honorarium	\$200.00	\$200.00	\$0.00
Spray Paint and Dust Masks	\$57.29	\$57.29	\$0.00
TOTAL	\$307.29	\$335.29	\$16,860.00