



# **ZERO EMISSIONS BUILDING EXCHANGE**

— ANNUAL REVIEW —

**2019-2020 Snapshot**

WWW.ZEBX.ORG

# ABOUT ZEBx

The Zero Emissions Building Exchange (ZEBx) works to build capacity and enthusiasm for low carbon buildings. We collaborate with industry leaders to facilitate knowledge exchange and catalyze action for effective market transformation across the Metro Vancouver region.

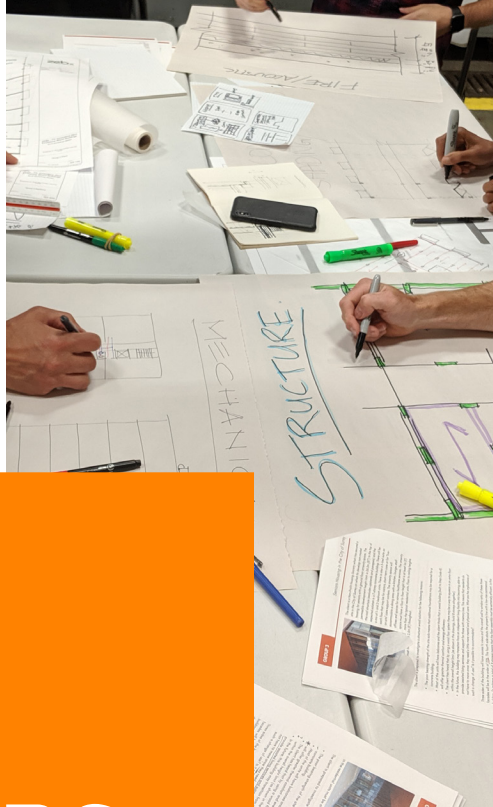
As Canada's first Centre of Excellence for high performance buildings, we operate under some of the country's most progressive zero emission building policies.

We are well positioned to support the construction industry to find effective solutions that reduce emissions from the built environment, thereby mitigating climate change.

We look forward to continuing our work with each of you, as together we make Metro Vancouver a cleaner, healthier, and greener region, built to last.

# OUR MISSION

To rapidly accelerate the knowledge, capacity and passion for zero emission buildings.



# ZEBx BY THE NUMBERS

**75**

EVENTS +  
TRAINING

**95%**

EVENT  
SATISFACTION  
RATING

**10+**

RESOURCES

**3070+**

PARTICIPANTS  
ENGAGED

In 2019-20, we delivered 75 workshops, panel discussions, product demonstrations and formal training in partnership with Passive House Canada. These were attended by over 3070 industry professionals. We produced over 10 case studies, guidebooks and reports, all of which can be found on [zebx.org/resources](https://zebx.org/resources).

# PROGRAM HIGHLIGHTS

We ran five ongoing programs throughout 2019-20 including:

## DECARB LUNCH SERIES

ZEBx's Decarb Lunch Series focuses on leading low-carbon projects and emerging products. Taking place on the last Friday of each month, the series facilitates knowledge exchange among early adopters, and creates a comfortable environment for peer-to-peer learning and networking, with the intent to accelerate our path towards cost effective, zero emission buildings.

## CLEANBC NET-ZERO ENERGY READY DESIGN CHALLENGE SERIES

Through the lens of British Columbia's most recently celebrated projects that achieved the highest levels of the BC Energy Step Code and beyond, program participants work with leading experts to identify and advance emerging solutions, and key barriers to scale adoption.



# PROGRAM HIGHLIGHTS

Continued.

## WOMEN4CLIMATE MENTORSHIP PROGRAM

In collaboration with the City of Vancouver, we launched the second year of C40 Cities' Women4Climate Mentorship Program in Vancouver. Matching industry experts with the next generation of climate leaders, this program empowers women to advance environmentally innovative practices across the building, energy, transportation, and packaging industries.

## PROJECT VISIONING + PRE-DESIGN CHARRETTE

We teamed up with Living Future Vancouver to launch the Project Visioning and Pre-Design Charrette pilot program. The five winning applicants gain access to Vancouver's top subject matter experts for project planning, with the goal to achieve the highest levels of sustainability, while maximizing asset value. This free service is valued at \$25,000.

## NEARZERO PROGRAM

The NearZero program partners with Metro Vancouver projects to produce case studies of near zero emissions residential buildings. In exchange for planning, permitting, construction, and occupancy data, participants receive financial incentives to offset project costs. Now in its second year, additional funding from the Province of British Columbia allowed us to expand the program beyond Passive House projects in Vancouver to include all of Metro Vancouver for projects pursuing Step 4 and beyond of the Energy Step Code, with heat pump requirements for space heating and domestic hot water.



# LEADERSHIP AND GROWTH

## THE TEAM



**Christian Cianfrone**  
Executive Director



**Roberto Pecora**  
Director of Programs



**Michaela Neuberger**  
Director of Operations



**Jessica Williams**  
Communications and  
Partnerships Manager



**Chris Hill**  
Vancouver Program  
Manager, Passive House  
Canada

## CONNECTED TO INDUSTRY

Our team constantly engages with zero emission building leaders and participates on several industry councils. These conversations leverage expertise from across industry silos to inform our work, and allow us to bring the zero emission perspective to regional and province-wide decisions.

## EXPANDING OUR REACH

We reached new building industry stakeholders by introducing monthly industry dialogues showcasing regional low-carbon projects, consulting on the creation of a BC Building Electrification Road Map, and pivoting to remote programming and virtual education.



# THANK YOU!

TO ALL OUR SUPPORTERS, PARTNERS,  
AND COMMUNITY MEMBERS.

OUR WORK IS MADE POSSIBLE BY:



Ministry of  
Energy, Mines and  
Petroleum Resources



Natural Resources  
Canada

Ressources naturelles  
Canada



Forestry Innovation  
Investment

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