

# 2019 ANNUAL REPORT



**Community Energy**  
Association

# MESSAGE FROM THE CHAIR & EXECUTIVE DIRECTOR

This last year has been Community Energy Association’s highest impact year yet. Over the last decade, we have been preparing for a year like 2019 when across the province and country there was a massive shift in public awareness, and significant growth in support for climate action. With years of experience as a trusted advisor for local governments, CEA was well equipped to respond to the demand for bold action to address climate change.

Our staff are experienced in a wide range of technical and knowledge areas, and continually demonstrate their passion, empathy and deep commitment to climate action. We hope you see these qualities as you read about the work we engaged in across western Canada in 2019. To better articulate the holistic support we offer our clients, partners and collaborators, this year we formalized service areas to better facilitate and showcase our work - Planning, Implementing, and Coaching.

*Implementation* projects in 2019 focused on further developments in electric vehicle charging networks in BC and Alberta.

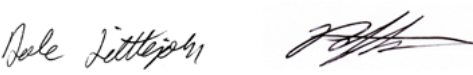
Work in the *Planning* area saw significant sophistication with community energy and emissions plans designed to meet ambitious international targets.

*Coaching* activities include the successful launch of the Climate Leaders Playbook, working with elected officials through the BC Municipal Climate

Leadership Council, and coaching government staff as part of FCM's Community of Practice. Across all categories our staff was inspired by the growing number of communities that declared a climate emergency and were looking for solutions to support the ambitious targets required. We would be remiss not to mention that at the time of publication the world has been burdened with the unprecedented impacts of the COVID-19 pandemic. We are experiencing a time of uncertainty and communities large and small are challenged to ensure the health and safety of their residents.

Local governments are also preparing to recover from the pandemic, and low carbon solutions have been brought to the forefront with a recognition of the parallels between the current pandemic and future health impacts of climate change. It is with great hope for our future that we continue to support bold local climate action.

Sincerely,



**Dale Littlejohn**, Executive Director,  
Community Energy Association

**Patrick Johnstone**, Chair, Community Energy  
Association and Councillor, City of New  
Westminster

**Dale**



Dale has been with CEA for 14 years and continues to be deeply committed to the work of mitigating climate change. “The work CEA does remains the best way for me to use my skills to limit the impacts of climate change on humans and the environment in general.”

**Patrick**



Now in his 6<sup>th</sup> year as a Councillor with the City of New Westminster, Patrick is an advocate for smart, low carbon policies that increase his community’s resilience. “I’ve always been committed to keeping sustainability and an environmental focus in conversations about the future of my city, and working with CEA as the Board Chair allows me to support other communities to do so.”



# CEA PEOPLE & CULTURE

Since 1995, CEA has been the trusted independent advisor to local governments, supporting them in a variety of phases of their climate and energy projects - planning through implementation. This climate action at the local level, where people live and work, is critically important to mitigate against the impacts of the changing climate and address the global climate emergency, this century's most urgent challenge.

This important work requires the ongoing commitment and dedication of a resilient and talented team. At CEA, we understand that our biggest strength is our people. The health, well-being and passion of our team is inextricably linked to the quality of services and support we offer clients, partners and associates. And, ultimately, our effectiveness in saving energy, emissions and money.

Our team of 16, distributed across BC, continually inspire each other by being profoundly committed, each day, to our shared purpose and to delivering high-quality, impactful work. To continue to empower personal and organizational excellence, CEA respects and supports each staff as necessary, including work flexibility and professional development.

Our team is guided and managed by our Executive Director and a Board of Directors. We are grateful for the support and guidance offered by this diverse, accomplished and passionate group of Directors. With their expertise, CEA staff are equipped with the tools and motivation to continue supporting communities.



## LEADERSHIP TEAM

Pat



Pat is an excellent educator and facilitator. Her depth of experience in planning and public policy helps coach government staff to implement change. “CEA has changed considerably since I started with the organization over ten years ago. We’ve been regularly adding new staff and are now quite a big team. Each person has brought a new set of skills and new interests and everyone has effectively picked up a large workload almost immediately. It’s really rewarding to work with such a great group of people.”

Megan



Megan is CEA’s long-term strategic thinker. She enjoys the challenge of a complex problem and visioning what the optimal solution *could* be.

“This has been the year of boldness among communities – we’ve got success stories to build on now. Tackling a big energy/climate initiative can feel less risky if you’ve got a success story to leverage.

Lyla



As the keeper of finances at CEA, Lyla is continually pushing things forward and ensuring things are operating smoothly. “I love working at CEA because I get to be a teacher and mentor. I work with wonderful and passionate people, and it makes all the hard work worth it.”

# MEET OUR BOARD OF DIRECTORS



**Patrick Johnstone**

Board Chair  
Councillor, City of New  
Westminster



**Marie Crawford**

Associate Executive Director,  
UBCM



**Nicholas Heap**

Sustainability Project Manager,  
City of Richmond



**Robyn Wark**

Team Lead, Sustainable Communities,  
BC Hydro



**Richard White**

President, RWPAS Ltd.



**Dana Wong**

Manager, Climate Action, FortisBC



**David Woodson**

Managing Director, Energy &  
Water Services, UBC

# EXECUTIVE SUMMARY

CEA is the only non-profit organization in BC focused exclusively on supporting local governments and Indigenous communities on CLIMATE and ENERGY activities. Our staff has over 75 years of combined experience offering services to help communities take bold climate action.

In 2019, CEA delivered a wide variety of projects and supported provincial initiatives like CleanBC and the BC Energy Step Code. By enabling local governments to plan and implement climate and energy projects while also building capacity through coaching activities, we ensure all stakeholders have the skills and information necessary to reduce emissions and build resilient communities.

## IMPLEMENTATION



**3,000km**

BC highway connected for EV travel (pg.8)

**12**

BC Energy Step Code videos (pg. 7)

**66%**

% of funding secured for a planned \$3M organics diversion project (pg.10)

Regional Energy Efficiency Program's holistic approach to advancing building energy efficiency presented to (pg.7):

**9**

Municipal Councils

**12**

Community Open Houses

**+300**

Residents

## PLANNING



**8**

Community Plans to reduce energy and emissions (pg.12)

**3**

Inventories of local GHG emissions (pg.12)

**9**

Municipalities supported to plan climate action (pg.12)

## COACHING



**7**

Big Moves in the Climate Leaders Playbook designed to achieve 50% emissions reductions by 2030 (pg.15)

**+300**

Elected officials attended **14** climate leadership workshops across BC (pg.15)

**64**

Sustainability champions supported in FCM's Community of Practice (pg.15)

**8**

New communities joined the Partners for Climate Protection (PCP) in the BC and Yukon region (pg.17)



“ I see local government staff and elected officials willing to put their long-term vision on the table and talk about what’s possible first, then step back to understand the best approach for their community. We want to support more of this; a bold vision can unlock innovation and creativity. This is necessary for our future. ”

~ Megan Lohmann, CEA Director





# IMPLEMENTATION

CEA Implementation work incorporates the initiation of projects, management of all aspects of a workplan and communications of products. This includes clean transportation networks, broad building energy efficiency programs, workshops and communications materials.



## HIGHLIGHT - ADVANCING BC ENERGY STEP CODE



Building a Legacy Three years of intentional training, capacity building and raising awareness					RDCK Regional Energy Efficiency Program (REEP)	
Capacity Building and Training		BuildSmart Tailgate Meetings	Case Studies	Embracing the BC Energy Step Code	BC Energy Step Code Introductory Video	Regional Events and Presentations
<i>“A Holistic Approach to Roofs and Below-Grade Assemblies”</i>  This hands-on, interactive workshop was delivered by building envelope expert, Hamid Heidarali to 55 participants in Invermere, Kimberley and Fernie. Supported by 15 newly designed and constructed mobile roof and below-grade assemblies, the workshop showcased various methods of improving thermal performance, air tightness, and moisture management.	<i>“Making the Links- A Holistic Approach to Improving Airtightness”</i>  This full-day workshop was delivered by Hamid Heidarali took the all of the pragmatic, holistic information delivered previously - walls, glazing, roof and below grade assemblies - and demonstrated how to properly integrate them into one seamless system, focusing on airtightness. Supported by a wide array of mobile building envelope assemblies.	Seven on-site, 1-2 hour airtightness training events reaching 83 participants in 3 Kootenay sub regions.  These interactive events gave specific attention to subtrades and the important role they play in maintaining the overall performance of a build by <a href="#">maintaining a solid air-barrier</a> .	Developed and produced eleven videos as part of a Building a Legacy <a href="#">You Tube series</a> . The short videos highlight a variety of new builds in the Kootenays that meet Step Code standards, describing the approach of the builders, and the energy performance/cost metrics achieved.  The series leveraged the CEM network ‘Getting Real’ case study framework.	Development of a how-to guide for small-medium sized communities on the steps needed to successfully implement, incent, and support Step Code implementation, using the East Kootenay as an example.	Wrote and produced <a href="#">a 5-min animated introduction to Energy Step Code</a> - why it is important, its intent, timelines, and current implementation initiatives and successes.	REEP is a regional approach to adopting BC Energy Step Code. After launching in early 2019, CEA delivered 9 Council presentations and 12 community open houses across the region.  The community events reached over 400 people and shared information on the benefits of “Building Better Now” and supported the RDCK goals of sustainability and energy reductions in buildings.



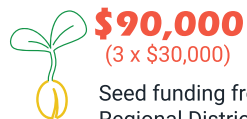
## HIGHLIGHT - ACCELERATE KOOTENAYS



Final reporting was submitted on this trailblazing project in 2019 after a third summer of outreach and engagement throughout the Kootenay region, and all infrastructure installed.

[Accelerate Kootenays](#) was Canada's first community driven strategy to build a clean transportation network, and was catalyst for region EV charging infrastructure strategies in other jurisdictions.

While the project started as a way to address the technical barrier to EV adaptation, it became an opportunity for tourism, economic development and emission reductions across the rural region. The impact of Accelerate Kootenays will continue for years to come and should be celebrated as a legacy project by the Regional Districts that demonstrated the leadership and innovation to make it happen.



**\$90,000**  
(3 x \$30,000)

Seed funding from 3  
Regional Districts



**\$1.98  
Million**

Total cash  
investment



**1,870kms**  
Highway connected  
for EV travel.



**\$11,500**  
Average cost of a  
Level 2 station



**\$98,000**  
Average cost of a DC  
fast charge station



**7,000+**  
Number of views of the  
#RuralEV Experience  
Videos



**1,492**  
Charging sessions  
in 2018



**52%**  
Increase in uses from  
April 2018 to January  
2019 (entire network)



**194%  
Castlegar**  
Biggest % increase in  
uses from April 2018  
to January 2019



## HIGHLIGHT - PEAKS TO PRAIRIES



Where 2018 was the *groundwork* year for the [Peaks to Prairies](#) EV Charging Network, 2019 was ground *breaking!* At the end of 2019 fourteen of the DCFC/Level 2 charging stations were installed and activated, with three more installed but awaiting electrification in early 2020. The owner/operator of the stations, ATCO, reported the amount of electricity dispensed to drivers in 2019. All but one of the stations is offset with renewable energy certificates sourced from southern Alberta projects (solar, wind or hydro). The environmental impacts for July - December 2019 are summarized below.



Total Energy Consumed

**12,025 kWh**



Gasoline Avoided

**4,999 Litres**



GHG Emissions Avoided

**11,500 kg CO<sub>2</sub>e**

Through the summer of 2019 an awareness campaign was enabled through partnership with a Mitsubishi dealership in Calgary - Platinum Mitsubishi. CEA staff were therefore able to travel to 16 events in Southern Alberta, reaching over 1,000 people to talk about EV technology, the project and demystify electric travel.

The concept of the Peaks to Prairies network was inspired by Accelerate Kootenays, but the southern Alberta context provided a unique opportunity to support local, renewable energy generation as part of the clean energy transportation network.

The strength of the Peaks to Prairies Network was in the collaboration across the region, and the leadership by the Regional Economic Development Associations (Alberta Southwest Regional Alliance and Southgrow Regional Initiative) that help to coordinate and facilitate municipal participation.



CEA specializes in facilitating and leading broad collaborative projects. This photo is from the grand opening of the Lethbridge Peaks to Prairies electric vehicle charging station. Representatives from the Province of Alberta, local government and regional governments, regional economic development organizations, the private sector and the general public attended the celebration.







## MOVING THE DIAL IN 2019

### East Kootenay E-Mobility Visioning Session

In October the Fernie CEA team piloted an innovative 2-day visioning session to establish a 2040 vision for the clean energy vehicle ecosystem on a regional & sub-regional scale.

The session brought together a diverse stakeholder audience for a micro lab and included a design charette facilitated by Urban Designer, Frank Ducote, and a team of 3 additional designers.

The goal was to leave the session with project concepts that would be further refined to be ready when funding was available. In the end, 7 concepts were developed by participants. The session format and strategy is slated to be replicated in 2020.

### Charge North EV Charging Network

In 2019 CEA applied for significant funding to install 55 Level 2 EV charging stations in 25 communities across all six regional districts.

Confirmation of funding in 2020 will allow the project to move quickly from planning to implementation, with the possibility to begin site assessments and some installations as early as summer 2020.



*A concept from the East Kootenay E-Mobility Visioning Session showcasing a vision for charging infrastructure that mobilizes social good benefits.*



## WHAT TO WATCH FOR IN 2020

### Charge North EV Charging Network

In addition to preparing for installations, CEA will continue to support BC Hydro to select sites for DCFCs in communities along Highway 16 and with the Ministry of Transportation and Infrastructure on north-east planning for rest area DCFCs. Public education and car dealer outreach will continue in 2020.

### Mid Island Emotive EV Outreach

With in person EV outreach on central Vancouver Island completed in 2019, work will proceed on an EV destination marketing video.

### North West Alberta EV Charging Network

Communities are looking to southern Alberta for a model to replicate and expand EV charging North of Calgary. Project feasibility and initial scoping will take place in 2020.

### E-Mobility Social Innovation

After the success of the Kootenay E-Mobility Workshop in October 2019, other regions

and communities are looking to identify opportunities to build social good through innovative e-mobility projects.

### Pumping up Savings and Heating

In 2019, CEA completed comparative research on heat pump industry structures and business models in North America. More exciting work on heat pump infrastructure will be featured in 2020.

### East Kootenay Organics Diversion

In 2019 partial funding was confirmed to implement a regional organics diversion project in the East Kootenay. 2020 will be a key year for formulating the strategic deployment of this project.

### BC Energy Step Code Toolkit: Northern BC

With the tremendous impact of Building a Legacy in the Kootenay region, CEA will be working on a Toolkit to replicate the project in northern and rural regions.





*Visioning session participants plotting what e-mobility could look like in 2040 in the Columbia Valley.*

*Photo: Ryan Watmough, Columbia Valley Economic Development*

## STAFF HIGHLIGHT

### Danielle



Danielle is passionate about mitigating climate change and its impacts. She joined CEA in 2019 and is excited to be working along great minds and in support of communities who are committed to this ever important opportunity. “I’m keen to do all the necessary and unglamorous leg work to implement projects that will change the way we move, where we live & work, and how we manage waste”.

### Gaëtane



This year Gaëtane was a BC Clean Tech Award, Sustainability Educator Award Nominee, and it was well deserved. “I’m really proud of the Building a Legacy video case study series. It highlights high-performance builders and building practices in the East Kootenay and shows how the BC Energy Step Code is being successfully implemented.”

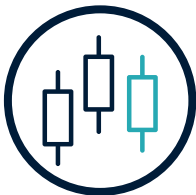
### Jen



Jen is our communications and design expert, making products visually engaging and finding ways to curate content that is hard to ignore. “In 2019, more communities started to place increasing value in creating plans that would engage their residents. It is really gratifying to work on projects like Climate Action Plans that are meant to inspire individuals and business to adopt low carbon lifestyle choices.”

# PLANNING

CEA supported local governments in both BC and Yukon as well as Indigenous communities in energy planning and modeling. With an increasing focus on meeting the 1.5°C international target, much of our planning now includes big moves and 100% carbon neutral targets.



## MOVING THE DIAL IN 2019

Inventories	
Emissions measured for <b>109,639</b> residents in 3 communities	
<input checked="" type="checkbox"/>	New Westminster - Energy & Emissions Inventory
<input checked="" type="checkbox"/>	Vernon - Energy & Emissions Inventory
<input checked="" type="checkbox"/>	Village of Carmacks & Little Salmon Carmacks First Nation - Energy & Emissions Inventories

Resources	
<input checked="" type="checkbox"/>	In 2019, the local government guide <i>Closing the Loop</i> , was transformed into an interactive <a href="#">website</a> and digital resource. Local governments making infrastructure plans that recover energy and resources from waste can access a multitude of information including technology, case studies and funding support.

Plans	
Action Plans will impact <b>119,686</b> people in 6 communities	
<input checked="" type="checkbox"/>	Logan Lake - Community Energy & Emissions Plan
<input checked="" type="checkbox"/>	Logan Lake - Corporate GHG Reduction Plan
<input checked="" type="checkbox"/>	Logan Lake - Renewable Energy Opportunities Scan
<input checked="" type="checkbox"/>	Ucluelet - 100% Renewable Energy Plan
<input checked="" type="checkbox"/>	Squamish - Community Climate Action Plan
<input checked="" type="checkbox"/>	Summerland - Community Climate Action Plan
<input checked="" type="checkbox"/>	Salmon Arm - Community Energy & Emissions Plan
<input checked="" type="checkbox"/>	Prince George - Climate Change Mitigation Plan



## HIGHLIGHT - GETTING TO 1.5°C PLANNING

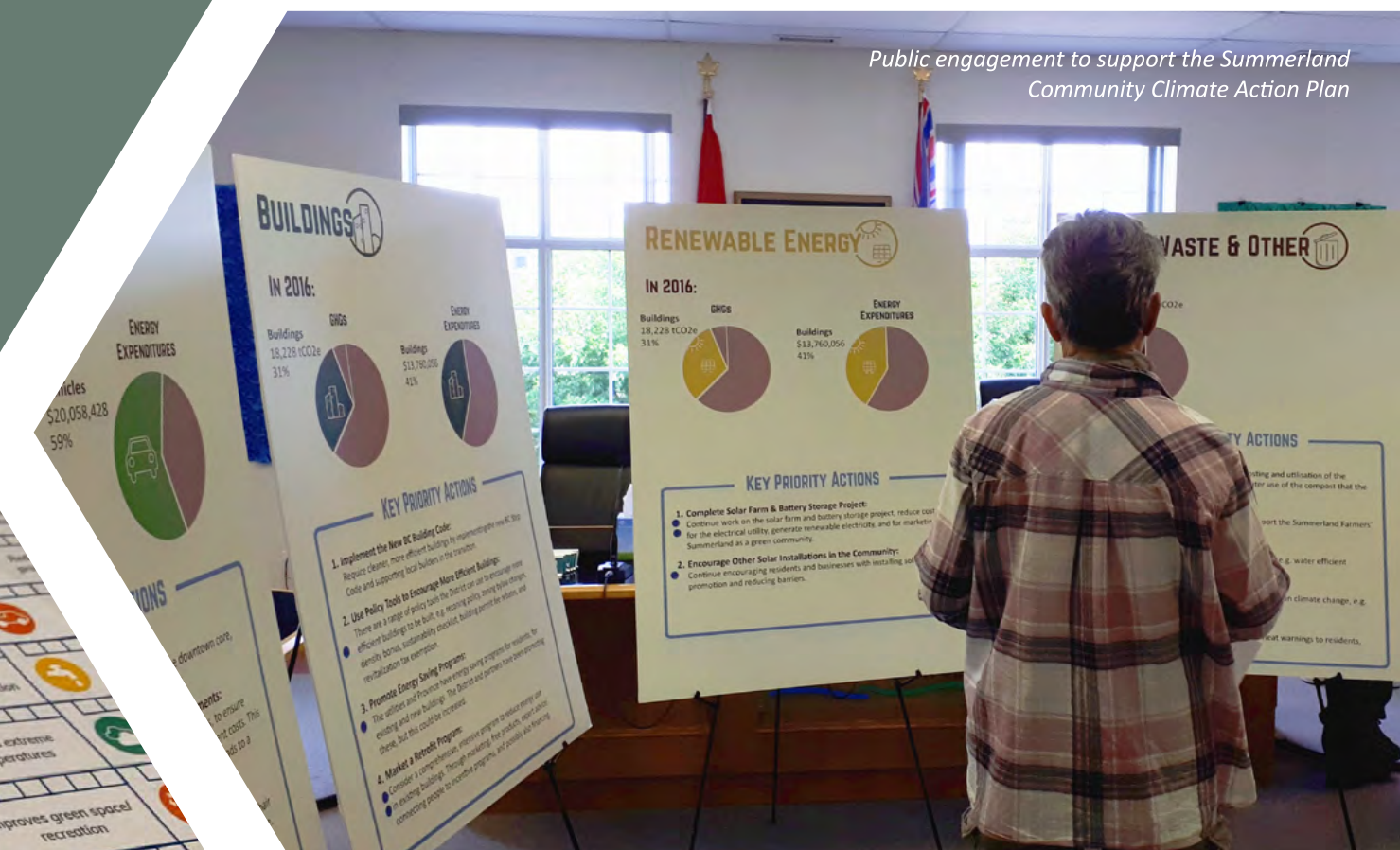
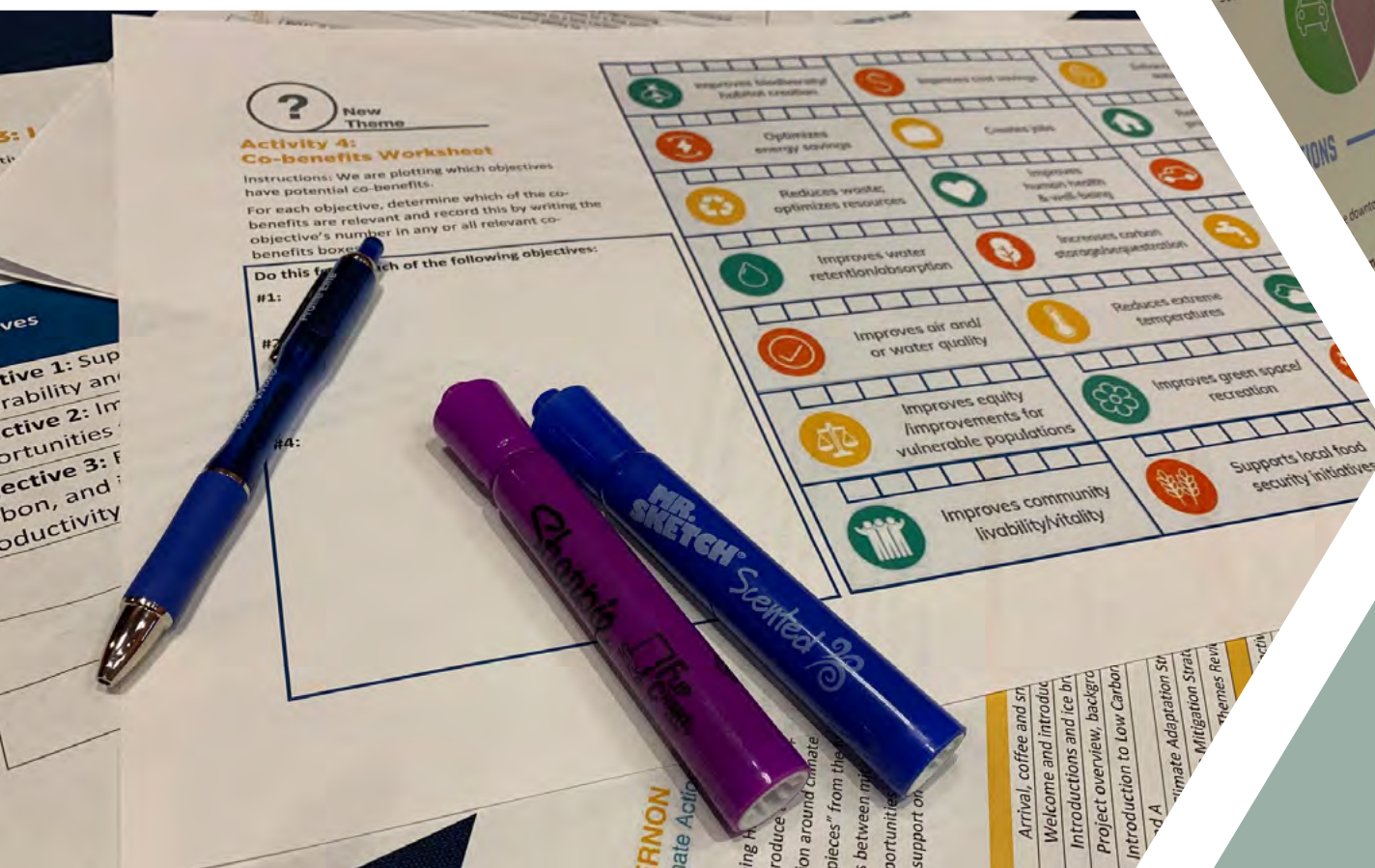
The 2018 Intergovernmental Panel on Climate Change (IPCC) Report pulled into focus the urgent need to limit global warming to 1.5°C. Many communities are acknowledging the need for bold action and are striving to be carbon neutral by 2050. For most this means cutting community-wide emissions in half in ten years—this can only be achieved through meaningful planning and accelerated action.

The Squamish community was the first local government with which CEA worked to create a climate action plan that aligns with the 1.5°C international target.

In 2020 in the Central and West Kootenay region CEA is supplying inventory and modelling expertise to the West Kootenay EcoSociety in the development of a 100% Renewable Energy Plan, based on 1.5°C target.







Public engagement to support the Summerland Community Climate Action Plan



## WHAT TO WATCH FOR IN 2020

### Revamped CEEP Offer

As the demand for Community Energy & Emissions Plans grows, as well as the number of communities leveraging climate emergency declarations, CEA will be revitalizing its CEEP process in 2020. This refreshed approach will enable high-ambition plans striving towards deep emissions reductions and the 1.5°C target, while also providing flexibility to meet all communities where they're at on their climate action journey.

The new CEEP offer will seamlessly align with the *Big Moves* and strategies in the Climate Leaders Playbook (See Coaching Section for more on this), and will connect planning processes with a strong vision for a climate ready future for the community.

CEA will also formalize a supplementary opportunity to create a public-facing CEEP document as well as support in planning and/or implementing a communications strategy.



## STAFF HIGHLIGHT

### PETER



Peter's hard work and attention to detail helps him to solve complex problems. "2019 was an impressive acceleration of all the climate action work that we have been up to for years and years, in a very short space of time. It was also heartening to see the level of interest that there was around climate action from so many people."

### GREG



Greg is a wizard when it comes to modelling skills in the planning process. "One of the best parts of compiling this type of data, is when you give the results to the community and you can see the impact it has on their perception. It is often eye-opening for local governments to see the changes that will be required to go forth with an aggressive energy plan."

### JANICE



CEA works with such diverse communities, and connecting to the residents and context of each community is a priority for Janice. "Commitment from the communities at the planning stage is essential. Our role isn't to just create a plan that sits on a shelf somewhere. We show communities that we stay on the journey with them and bridge the gap to implementation."



# COACHING

Recognizing high impact climate initiatives in communities and building the capacity of local government staff, elected officials and the building community to advance climate action.



## HIGHLIGHT - CLIMATE LEADERS PLAYBOOK & BCMCLC

On behalf of the [BC Municipal Climate Leaders Council](#) (BCMCLC), CEA hosted climate action workshops at Local Government Leadership Academy (LGLA) Elected Officials Seminars for NCLGA, AVICC, AKBLG, SILGA, and LMLGA. These events were highly successful with over 300 locally elected officials attending 14 workshops.

In November, The Climate Leaders Institute (CLI) brought together 35 locally elected officials and municipal staff, in addition to event sponsors and guest speakers, for two days of intensive climate leadership training. There was a mix of small and large communities from across BC and the Yukon, with a predominant number from Vancouver Island and the southwest coast of BC.

CLI was also the launch of the [Climate Leader's Playbook](#): Solutions for a Zero Carbon Community. The Climate Leader's Playbook is an online guide which outlines 7 "big moves" to achieve deep GHG emissions reductions in buildings, transportation, waste and land use.



Tofino Mayor, Josie Osborne (R), moderates a conversation between Hon. George Heyman, Minister of Environment and Climate Change Strategy (L) and environmental activist, Tzeponah Berman (M) at the 2019 Climate Leaders Institute.

**“ [CLI] was incredibly inspiring, and the network connections are invaluable. ”**

~CLI Participant



## HIGHLIGHT - FCM COMMUNITY OF PRACTICE

CEA manages the Federation of Canadian Municipality's (FCM) national staff grant Community of Practice (CoP) program, coaching 64 municipal staff from coast to coast to coast. The municipal staff are progressing work in adaptation and/or mitigation for their respective communities, having been hired on a two-year contract through Municipalities for Climate Innovation (MCIP) funding. Through this project, CEA and partners are providing one-on-one coaching, delivering webinars, and facilitating peer learning groups.

**“ One of my proudest moments of 2019 was the FCM CoP workshop delivered in Toronto in September. Over 55 municipal staff grant recipients from across Canada attended. They were all very keen and deeply engaged in all workshop activities – a great bunch of people to work with! We delivered the two-day workshop together with our CoP program partners. Everyone gave their best to deliver a series of presentations, panel sessions, wall exercises, facilitated table sessions and networking activities. Simultaneous translation and bi-lingual CEA, QUEST and OCC staff supported francophone attendees. Organizing the workshop was a monumental effort but it was considered a huge success by all – as confirmed by very positive feedback forms received from attendees and requests to do it again.”**

~Pat Bell, CEA Director of Education and CEA Lead for FCM CoP

The **CLIMATE LEADERS**  
**PLAYBOOK**



**38** milestones achieved by municipalities in the PCP program

**295** builders & **40** building officials from ten communities received training on high performance buildings and the BC Energy Step Code



**22**

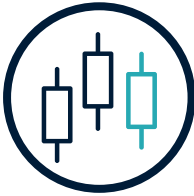
Students completed the BCIT Community Energy Management Certificate program.



**1**

New Step Code Peer Network





MOVING THE DIAL IN 2019

Regional Climate Advisor for FCM-ICLEI Partners for Climate Protection	Energy Step Code Peer Network	Step Code Support and Builder Training	Certificate in Community Energy Management
<p>As the Partners for Climate Protection (PCP) Regional Climate Advisor, CEA supports BC and the Yukon through training, peer learning and one-on-one support to help local governments reach PCP milestones. In the fourth year of the program, the following communities joined the PCP program (8 communities total):</p> <p>Township of Esquimalt, Village of Kaslo, Town of Creston, City of Vernon, Village of McBride, District of Sooke, District of Peachland, and City of Salmon Arm. In 2019, 38 milestones total were achieved by the participating municipalities.</p> <p>PCP outreach activities delivered by CEA:</p> <ul style="list-style-type: none"><li>• 10 formal presentations to 115+ attendees in at least 24 BC local governments and other sectors</li><li>• 1 formal presentation to 8 attendees from 6 Yukon communities</li><li>• 5 webinars with 134 participants from at least 116 BC municipalities and other sectors</li><li>• 322 attendees at 7 in person workshops representing over 70 BC municipalities</li></ul>	<p>In 2019, the established large and small community Peer Networks were merged and restructured to better meet the needs of members. The mission is to provide a forum for knowledge-sharing and networking to enable all stages of successful Step Code implementation.</p> <p>Through the Peer Network and one-on-one Step Code implementation support, CEA is bringing its collective knowledge of how communities have leveraged different policies and incentives to transition to the BC Energy Step Code.</p>	<p>CEA was the local delivery agent for BCIT and the launch of their mobile Zero Energy Building Lab. Through the year 12 hands-on workshops and one builders’ breakfast were delivered in communities outside of the Lower Mainland.</p> <p>The result was engaging and practical energy efficient building training for 295 builders and 48 building officials and staff from over ten local governments.</p> <p>CEA provides customized Energy Step Code implementation support to small and medium sized BC communities. In 2019 CEA supported 60 communities on their path to Step Code implementation, by delivering Council presentations, staff training, industry consultation, and policy development guidance.</p>	<p>CEA educated 22 students in 5 courses as part of the BCIT Community Energy Management Certificate program. Courses included:</p> <ul style="list-style-type: none"><li>• Introduction to Community Energy Planning</li><li>• Community-Based Renewable Energy</li><li>• Finance and Governance for Clean Energy Systems</li><li>• Reducing Emissions from New and Existing Buildings</li><li>• Low Carbon Transportation</li></ul>



### CLIMATE & ENERGY ACTION AWARDS

The Community Energy Association organizes the Climate and Energy Action Awards annually in partnership with the Province of BC, Union of BC Municipalities, BC Hydro, FortisBC, and Real Estate Foundation of BC. Seventeen applications were received in 2019 from communities of all sizes and from across the province.

	COMMUNITY DEVELOPMENT	CORPORATE OPERATIONS	CLIMATE ADAPTATION
WINNER	<b>The City of Richmond</b> “EV Ready” Charging Infrastructure Requirements Leadership	<b>The Village of Granisle</b> Biomass District Heating System	<b>The City of Surrey</b> Coastal Flood Adaptation Strategy
HONOURABLE MENTION	<b>Fraser Valley Regional District</b> Fraser Valley Food Recovery Project & Love our Air Education Program	<b>The City of Vernon</b> Climate Action Revolving Fund for Electric Bicycle Fleet	<b>The City of Campbell River</b> Campbell River Rising Seas

“ BC communities continue to take progressive action on climate change by instituting projects that help to reduce their corporate and community greenhouse gas emissions as well as adapt to climate impacts. This local government action is vital to achieve BC’s long term GHG emission reduction targets.

~Patrick Johnstone, Chair of the Community Energy Association and Councillor with the City of New Westminster.

Top: All winners of 2019 Climate & Energy Action Awards presented at the UBCM Conference.

Bottom: CEA Board Chair, Patrick Johnstone, introduces Hon. Michelle Mungall, Minister of Energy, Mines and Petroleum Resources who presented the awards.

Photo credit: [Union of BC Municipalities](#)







## WHAT TO WATCH FOR IN 2020

### Climate Leaders Playbook Expansion

The Climate Leaders Playbook will be expanded to include further Big Moves with more emphasis on the tactics needed to embed a climate lens into all local government decision making and planning.

Elected officials in other provinces have expressed interest in a version of the Playbook for their jurisdictions.

*2020 Update: Economic recovery in 2020 will be a focus in an updated Climate Leaders Playbook due to the COVID-19 pandemic. Watch for targeted resources around leveraging climate action for economic recovery. These will explore the co-benefits of job creation and addressing energy poverty.*

### Milestones and Regional Collaboration for PCP

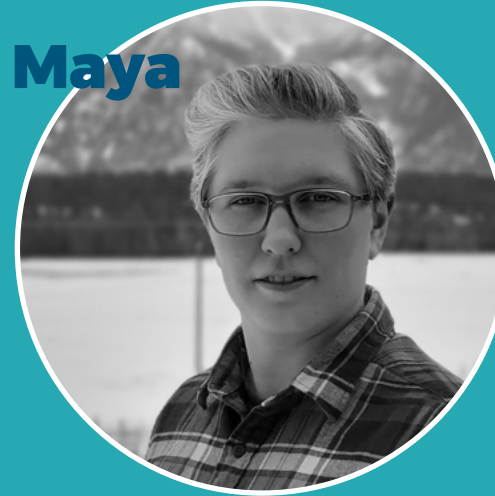
After a year of working hard to recruit members to the PCP network, 2020 will be focused on more regional collaboration between existing members. This will allow for more direct action and the achievement of milestones by more communities.

### FCM Community of Practice Website

To better support members of the Community of Practice, a new website is being developed as a resource on climate mitigation and adaptation.

## STAFF HIGHLIGHT

### Maya



Maya is a big-picture strategic thinker who solves complex problems using creativity and science, especially when helping communities develop strong climate emergency responses. “What drives me is the high impact stuff, the initiatives that are significantly reducing GHG emissions. I feel the extreme urgency and need for addressing the climate crisis, and I’m inspired by the growing number of elected officials reached through the work of BCMCLC.”

### Kelsey



Kelsey works behind the scenes, deep within the nitty gritty details of CEA, which is often no easy task. “I frequently find myself learning new things while working at CEA. It’s a dynamic work environment where I get to support a team that is making an impact in local communities to help bring changes that help communities move towards more sustainable practices.”

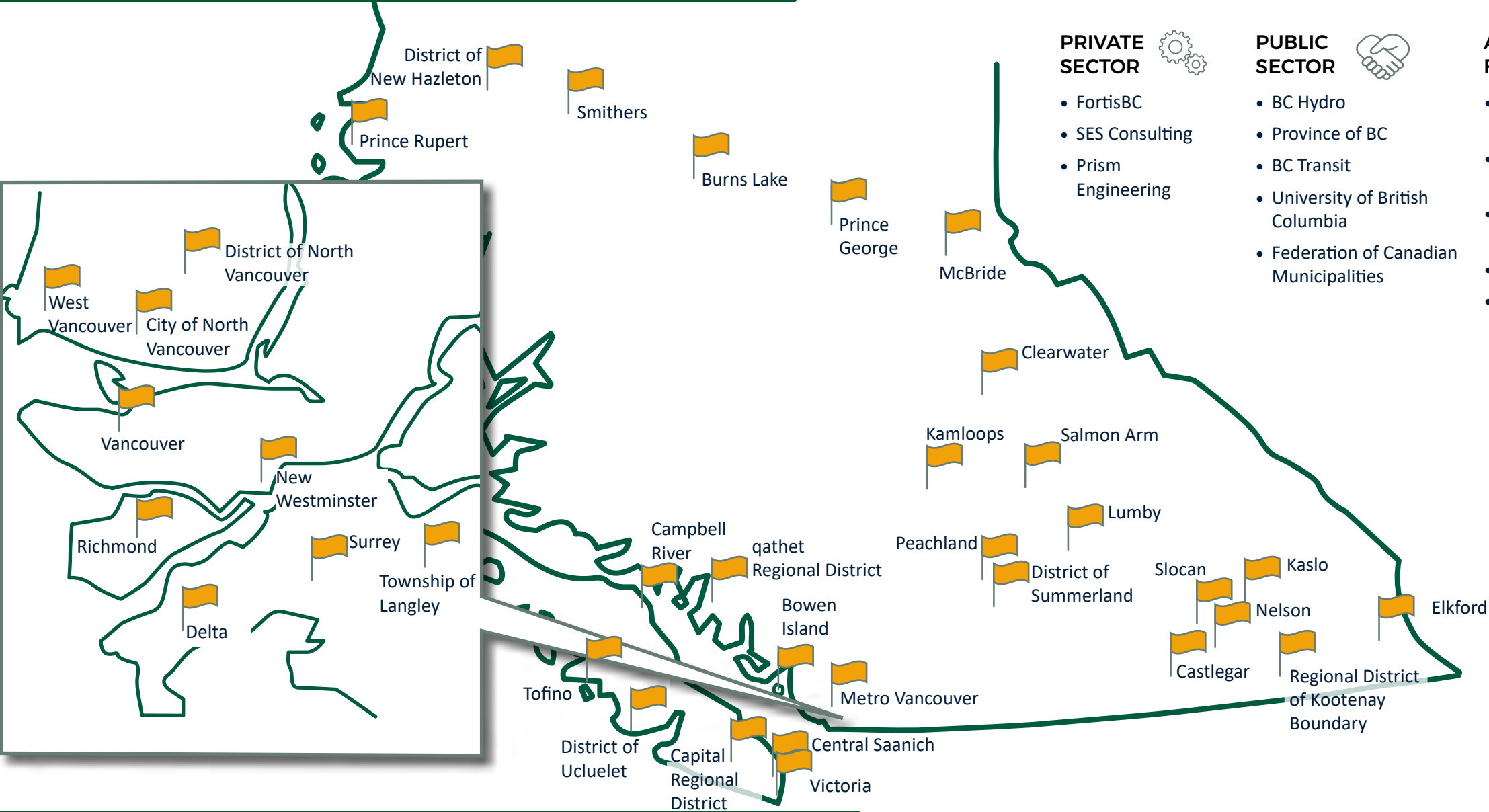
### Trish



Trish is a master connector and relationship builder, which is essential to working with not only individuals, but on a larger scale. “I love my role as professional planner, working with our neighbours to build healthy communities. It is my pleasure to work with our “community of practice”, including the new contract staff persons, the elected official and the homeowner trying to understand how to build a more energy efficient home. It is so rewarding to connect and learn from each other.”

# CEA MEMBERS

CEA Members are recognized as leaders in driving climate action in British Columbia and are among the province's most driven advocates for inspiring climate solutions. In addition to the local governments on the map below, members are also from the following sectors:



- PRIVATE SECTOR** 
- FortisBC
  - SES Consulting
  - Prism Engineering

- PUBLIC SECTOR** 
- BC Hydro
  - Province of BC
  - BC Transit
  - University of British Columbia
  - Federation of Canadian Municipalities

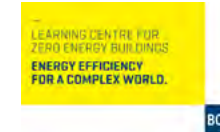
- ASSOCIATIONS & FOUNDATIONS** 
- Union of BC Municipalities
  - Urban Development Institute
  - Real Estate Foundation BC
  - Planning Institute of BC
  - Clean Energy BC



# FUNDERS & PARTNERS

A sincere THANK YOU to the organizations with which we collaborated in 2019 and that have funded our climate and energy projects. Their support increased our capacity to serve communities and provided connections to ensure we are reaching as many communities and elected officials as possible.

In alphabetical order:



# FINANCIAL STATEMENTS

CEA is proud of our continued vigilance in maintaining stable operations, positive income, and a strong balance sheet.

## Community Energy Association Statement of Financial Position For the period Ended December 31, 2019

### ASSETS

#### Current Assets

Cash	\$ 1,521,864
Accounts Receivable	382,351
Work in Progress	32,952
GST Receivable	8,777
Prepaid Expenses	2,606
<b>Total Current Assets</b>	<b>1,948,550</b>

#### Equipment

Office Equipment	22,719
Accum. Amort. Equipment	(10,504 )

<b>Total Equipment</b>	<b>12,215</b>
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<b>TOTAL ASSETS</b>	<b>1,960,765</b>
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### LIABILITIES AND NET ASSETS

#### Current Liabilities

Deferred Contribution	992,239
Accounts Payable	74,200
Vacation & Payroll Payable	12,134
Due to Receiver General	1,079

<b>Total Current Liabilities</b>	<b>1,079,652</b>
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#### Net Assets

Internally restricted reserve fund	104,000
Invested in equipment	12,215
Unrestricted	764,898

<b>Total Net Assets</b>	<b>881,113</b>
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<b>TOTAL LIABILITIES AND NET ASSETS</b>	<b>1,960,765</b>
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**Community Energy Association**  
**Statement of Operations and Changes in Net Assets**  
For the period Ended December 31, 2019

<b>Revenue</b>	
Charitable Projects	\$ 1,657,855
Advisory Services	1,059,852
Membership Revenue	93,999
Interest and miscellaneous	11,712
	<u>2,823,418</u>
<b>Expenses</b>	
Direct project costs	1,987,812
Personnel	327,403
General and administrative	159,811
Direct program expenses	41,973
Organizational expenses	2,086
	<u>2,519,085</u>
<b>Income from Operations</b>	304,333
Net Assets, beginning of year	576,780
<b>Net Assets, end of year</b>	<u>\$ 881,113</u>

**Community Energy Association**  
**Statement of Operations and Changes in Equity**  
For the period Ended December 31, 2019

<b>Cash Flows from (used in) Operating Activities</b>	
Cash received from members, grants and advisory fees	\$ 2,582,613
Cash used for:	
Direct project and program activities	(1,102,956)
Personnel expenditures	(118,202)
General and administrative purposes	<u>(369,376)</u>
	938,079
<b>Cash Flows and in investing activities</b>	
Purchase of equipment	(3,799)
<b>Increase in Cash</b>	934,280
<b>Cash, beginning of year</b>	<u>587,584</u>
<b>Cash, end of period</b>	<u>1,521,864</u>



**Community Energy**  
Association

[www.communityenergy.bc.ca](http://www.communityenergy.bc.ca)

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