



THE CORPORATION OF THE CITY OF VERNON

CLIMATE ACTION ADVISORY COMMITTEE

WEDNESDAY, MAY 8, 2019 - OKANAGAN LAKE ROOM – 1:00 p.m.

A G E N D A

- 1. ADOPTION OF AGENDA**
- 2. ADOPTION OF MINUTES**
 - a) April 3, 2019 and March 6, 2019 (attached)
- 3. UNFINISHED BUSINESS**
 - a) Council Update (Staff)
 - b) Update on development of Quick Wins strategy (staff)
 - c) Update on SFU/ACT partnership (staff)
 - d) status of PCP membership (staff)
 - e) Update on development of draft Vision for the community (staff)
 - f) United Nations Global Compact presentation (Colleen)
- 4. NEW BUSINESS:**
 - a) Working Group Updates
 - Mitigation:
 - Status of contract for external consultant
 - Schedule and next steps
 - Adaptation:
 - Status of RFP for hiring external consultant
 - Schedule and next steps
 - Engagement:
 - Update on SD 22 Teacher meeting April 18
 - Update on climate ambassador program (April 25 event, ambassadors, target groups, training, schedule, slide show, key messages)
 - Update on social media platform and communications strategy
 - Schedule and next steps
 - b) Review and recommendation on Climate Education Proposal (attached)
- 5. INFORMATION ITEMS:**
 - a)
- 6. NEXT MEETING:**

Date to be discussed.
- 7. ADJOURNMENT**



THE CORPORATION OF THE CITY OF VERNON

MINUTES OF THE CLIMATE ACTION ADVISORY COMMITTEE MEETING

HELD

WEDNESDAY, MARCH 6, 2019

PRESENT: VOTING

Brian Guy (Co-Chair), Science, Technology & Environmental Services
Mary Stockdale, (Co-Chair), Educators & Educational Institutions
Bill Darnell, Community Stewardship
Colleen Dix, Utility Services and Providers
Kevin McCarty, Business & Commercial Services
Ed Wilson, Community at Large
Stanley Eaman, Health & Social Services
Councillor Brian Quiring (2:06 p.m.)
Mayor Cumming (arrive 2:11 p.m., left 3:33 p.m.)

STAFF: Laurie Cordell, Manager, Long Range Planning & Sustainability/Staff
Liaison
Janice Nicol, Legislative Committee Clerk

ORDER The Chair called the meeting to order at 2:04 p.m.

**INTRODUCTION
OF NEW
MEMBER** The Committee held round-table introductions and the newest
member, Stanley Eaman, was welcomed to the Committee.

**ADOPTION OF
AGENDA** Moved by Brian Guy, seconded by Mayor Cumming;

THAT the agenda of the Climate Action Advisory Committee
meeting for Thursday, March 6, 2019 be amended to re-order the
agenda as follows:

- Items 2 and 3 be moved to the bottom of the agenda
- Items 6 a), c) and h) be considered first;

AND FURTHER that the agenda be adopted as amended.

CARRIED.

**ADOPTION OF
MINUTES** Moved by Ed Wilson, seconded by Kevin McCarty;

THAT the minutes for the Climate Action Advisory Committee meeting of January 30, 2019 be adopted.

CARRIED.

UNFINISHED BUSINESS:

**COUNCIL
UPDATE**

The Staff Liaison advised that the following three items were approved at the past Council meeting:

1. Change Climate Action Task Force to Advisory Committee;
2. Add OKIB representative to the Terms of Reference; and
3. Joining FCM ICLEI (Local Governments for Sustainability) Partner for Climate Protection Program.

All three resolutions are either underway or completed at this time.

The position of a youth representative on the Committee is still being investigated, there is a possibility of getting two or three students and a teacher from one school.

There was concern that focus should not be on one school, important to give other schools the opportunity to participate.

Youth engagement component needs to be worked out, experience needs to be engaging to draw youth in.

**VISIONS &
GUIDING
PRINCIPLES**

The Staff Liaison facilitated a discussion on the Vision and Guiding Principles for the Climate Action Advisory/City of Vernon. The following points were noted:

- This process has been underway for some time with the purpose of providing a vision that will stimulate community conversation
- Key pieces of statement could be: renewable low carbon energy and resiliency to the impact of changing climate
- Need to keep the vision statement short with goals listed below.
The goals would cover
 - City Operations
 - Buildings
 - Transportation
 - Natural Environment
 - Waste Reduction
 - Food Systems
- Focus on climate impact and a vision for adaptation to the climate
- Off-sets could to be included

- Important that the COV shows leadership, leading and supporting the community
- Statement needs to be re-assuring/positive and specific to Vernon
- Suggestion to include Vernon DNA – the value of small town charm, how we are meeting our climate goals reinforces the ‘small town’ charm
- Concern that ‘small town’ may not work should we take in a large number of refugees as a result of rising sea levels
- Should use caution as it was noted that the small town idea was not well received by Council - it may pigeon hole us as a retirement community
- Active and comfortable may work better than ‘small town’
- Suggestion to include mention of food systems
- Goal of 50% less waste into regional waste stream, the focus needs to be on City of Vernon residents
- Focus on big emissions
- Need to address building codes and how they need to evolve
- Suggestion for first paragraph – What we are in 2050, How we got there, What it looks like – vision, steps and impact on community
- Vision – could use sustainable before social and economic impacts
- A draft needs to be presented for community input with magnitudes, something tangible and visual
- It was agreed community input can be obtained prior to having a vision statement adopted by Council
- Laurie could draft a rough vision, include it in overall report to Council, then the Committee can revisit after community input
- Goal is generating an artistic vision from youth
- Show draft vision to students and introduce the group to the community
- Council has already acknowledged climate change and that it needs to be addressed – need vision and goals and the elements
- Laurie to prepare report and break out pieces for Council – categories will cover elements, leave out reference to ‘small town charm’, vision statement to have future goal.
- Draft to be email to Committee for their information prior to report going forward.
- Propose using ‘Engage Vernon’ for Climate Action community input and information sharing
- Suggestion to distribute guiding principles to Committee to reflect on then submit input to Laurie by March 15, 2019.

**CLIMATE
ACTION
PROCESS
OVERVIEW**

Staff provided the following Climate Action Process Overview:

- Need to merge pieces that were reviewed by Peter Robinson's CEA proposal hire a consultant for the financial component – the rest of the pieces can be done in-house
- Engagement component to be confirmed with subcommittees to access budget
- Booth at Sunshine Festival has been booked
- Need to develop a work plan – the two existing plans need to be merged
- Interior Health Authority has been requested provide health impacts of smoke
- There was concern of the time constraints (original plan was for January – June), need to engage and provide slideshow as well as determine the immediate items with budget numbers
- It was agreed to provide just simple facts and proceed to Council for March 25
- The first step with contract with Peter Robinson – Brian G and Mary to hammer out details
- Adaption Budget – between \$100 to \$130,000, Mitigation Budget – approx. \$55,000 although it could be lowered to \$40,000 with more in-house work
- Discussion on waste reduction targets. It was noted that the market on plastic and paper has gone soft. The cost of collecting organics in the Vernon area is not cost-effective. There is no issue selling the organics but costs far outweigh the revenue. RDNO may look at a pilot program. City of Vernon is doing a pilot with 2 drop off locations for organics.
- Water component is currently getting full attention, bylaws are coming.
- It was suggested that RDNO attend a Committee meeting to provide a presentation.

**QUICK WINS
UPDATE**

The City of Vernon can demonstrate actions – suggested partnerships, EV Charging stations, Sustainability in procurement process. The following points were noted:

- that the Climate Action Revolving Fund is being used in-house when looking at the energy efficiencies at Peanut Pool or the Arena.
- Need for strategies for City to discuss and address what the City is doing and to showcase ways that climate change is already being addressed.
- Need to encourage neighbourhoods, suggestion to host neighbourhood block parties and discuss climate action initiatives – perhaps hand out a few low-flow shower head kits.

**S.F.U.'S
ADAPTATION TO
CLIMATE
CHANGE TEAM**

At the last meeting, Brian Guy had reported on the 'Adaptation to Climate Change' initiative by S.F.U. It provides good value at little cost to the City to expand climate change adaptation goals and report on successes/problems. The Director, Community Infrastructure & Development Services was to review with staff. The following points were made:

- Laurie confirmed that the ACT program is still interested in having Vernon as a member, Laurie to proceed with review and decision about joining.

**UNITED
NATIONS
GLOBAL
COMPACT**

Colleen Dix advised of the United Nations Global Compact. The following points were noted;

- Purpose was to have the UN Global Compact to present to Committee outlining what other communities are doing – City of Kelowna has joined
- This will be a great exercise that can be done at the next meeting via Skype
- It will be beneficial for the Committee to look at the 17 Principles and adopt those that can be utilized.
- Colleen will organize.

**CEA GRANTS
REVIEW**

Community Energy Association Grants were reviewed by Staff. The following points were noted:

- Laurie went through list, nothing relevant to this group for planning
- Risk assessment funding being applied for now
- Most grants are for implementation.

**STAKEHOLDER
MAPPING**

- Committee agreed that mapping should be part of the ambassador and engagement process.

Recess at 3:44 p.m.

Reconvene at 3:54 p.m.

NEW BUSINESS:**WORKING
GROUP
UPDATES****Mitigation:**

- Community Energy Association has put together a draft outline of work that can be done for committee with workshops
- Report writing - major component is data gathering
- Will provide a Vernon customized emissions profile, and opportunities to reduce emissions
- Waiting for mitigation budget approval then move on to procurement.

Adaptation:

- Sub-committee met on Feb. 5, discussed scope and turned that into an outline process. This was circulated to the Committee with comments requested by Feb. 22
- Brian Guy to circulate outline today with any input requested to be submitted to Laurie by Friday, March 8
- Costs assume that the City of Vernon will not take much of a role. RDNO hosting Workshop on March 12 – need to gather ‘Made in Vernon’ data with the assistance of a climate modeler. Proposal for staff to do much of the work in house once the projections and impacts have been created.

Engagement

- Youth Engagement – contacts given, preliminary info provided.
- Next step to get approval from Council, looking at using United Nations Environment Week for kick-off
- Approaching Art Gallery for hosting
- Survey will be online and at the Sunshine Festival, suggestion to put together a quick draft slide show.
- Roadshow – to accompany the slideshow with trained ambassadors and present to community groups, peer to peer
- Committee requested to provide input on who would make great ambassadors.
- Please send your suggestions to Laurie by Friday, March 15

INFORMATION ITEMS:

Upcoming events:

- RNDO Climate Workshop - Committee members registered
- Sustainability grants are open – please pass on to anyone wanting to do a sustainability project.
- Seedy Saturday – Saturday, March 16 from 10 - 3 pm at the Vernon Recreation Centre.

- NEXT MEETING** The next regular meeting of the Climate Action Advisory Committee is scheduled for Wednesday, April 3, 2019 at 1 p.m.
- REVIEW OF BULLYING AND HARASSMENT POLICY** The Committee reviewed the Bullying and Harassment Policy and the Sign-in sheet was circulated for signature.
- REVIEW OF THE COUNCIL COMMITTEE STRUCTURE POLICY** The Staff Liaison reviewed the Council Committee Structure Policy and answered any questions from the Committee.
- ADJOURNMENT** The meeting of the Climate Action Advisory Committee adjourned at 4:33 p.m.

CERTIFIED CORRECT:

_____ Co-Chair

_____ Co-Chair



THE CORPORATION OF THE CITY OF VERNON

MINUTES OF THE CLIMATE ACTION ADVISORY COMMITTEE MEETING

HELD

WEDNESDAY, APRIL 3, 2019

PRESENT: VOTING

Brian Guy (Co-Chair), Science, Technology & Environmental Services
Mary Stockdale, (Co-Chair), Educators & Educational Institutions
Bill Darnell, Community Stewardship
Colleen Dix, Utility Services and Providers (arrived 3:06 pm)
Kevin McCarty, Business & Commercial Services
Ed Wilson, Community at Large
Stanley Eaman, Health & Social Services (left 4:40 pm)
Councillor Brian Quiring (left 3:40 pm)
Melissa Kriening, Youth Member
Ayesha Sheikh, Youth Member
Hayden Catt, Youth Member (alternate)

NON-VOTING

Alan Gee, Fulton Secondary, Teacher

STAFF: Laurie Cordell, Manager, Long Range Planning & Sustainability/Staff
Liaison
Janice Nicol, Legislative Committee Clerk

ORDER

The Chair called the meeting to order at 2:33 p.m.

**INTRODUCTION
OF NEW
MEMBERS**

The Committee held round-table introductions and welcomed the newest members to the Committee.

**ADOPTION OF
AGENDA**

Moved by Stan Eaman, seconded by Bill Darnell;

THAT the agenda of the Climate Action Advisory Committee meeting for Wednesday, April 3, 2019 be amended as follows:

- Additions -

NEW BUSINESS:

- a) Working Group Updates – add handout on ‘Ambassador and target groups’

INFORMATION ITEMS: add 'How the Climate Has Changed' Report from the federal government;

AND FURTHER that the agenda be adopted as amended.

CARRIED.

ADOPTION OF MINUTES

Moved by Stan Eaman, seconded by Ed Wilson;

THAT the minutes for the Climate Action Advisory Committee meeting of March 6, 2019 be amended to change the wording under Vision and Guiding Principles to '*The Staff Liaison facilitated a discussion on the Vision for the community and Guiding Principles for the Climate Action Plan and the Committee.*

CARRIED.

UNFINISHED BUSINESS:

COUNCIL UPDATE

The Staff Liaison advised the following:

1. Climate Action Plan Process and Budget Request was adopted unanimously by Council on March 25, 2019
2. Allocation approved as follows:
Baseline Greenhouse Gas Emission Inventory - \$30,000
Risk and Vulnerability Assessment - \$50,000
Phase I Engagement - \$15,000
Impact Review & Action Identification - \$20,000
Draft Plan Review & Phase II Engagement - \$10,000
3. In process of hiring consultant for portions of the mitigation and adaptation planning processes.
4. Will be key to have all departments involved as our municipal standards change as we deal with mitigation and adaptation.

UPDATE ON DEVELOPMENT OF QUICK WINS

Deferred until next meeting

UPDATE ON SFU/ACT PARTNERSHIP

Staff provided the following update on the 'Adaptation to Climate Change' initiative by S.F.U.:

- Report from workshop has been sent to the committee but there is no commitment for participation to date, although it has previously been recommended informally by the committee.
- Concern that participation in this initiative may take more time than is available at this time.

- More information to follow at future meetings.

Moved by Kevin McCarty, seconded by Ed Wilson;

THAT Climate Action Advisory Committee recommends to Council that the City of Vernon join the Simon Fraser University 'Adaptation to Climate Change' Initiative.

CARRIED.

**STATUS OF PCP
MEMBERSHIP**

- The Staff Liaison will send the partnership documents in after the Mayor signs.

**UPDATE ON
DRAFT VISION
FOR THE
COMMUNITY**

A Draft vision has been developed and the following points were noted:

- The key messages, pieces, areas and statements identified by the Committee as 'community conversation starters' were reviewed.
- Purpose is to stimulate conversations, important to have youth feedback (engage youth and ask them to visualize)
- Youth have a different perspective that is key to providing an 'unburdened' vision

ACTION ITEM: Draft Vision documents to be sent out to the Committee for feedback.

**GUIDING
PRINCIPLES FOR
THE COMMITTEE**

- The Guiding Principles proposed by the Committee were integrated and applied to the Vernon context.
- There were attached as part of the Council report that the Staff Liaison submitted for the March 25, 2019 Council Meeting.
- This will not be a stand-alone plan but will influence all the City does in a transparent and open process.
- Suggestions to add indigenous under 'Evidence-based' and change wording from local understanding to 'local and indigenous knowledge'

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ACTION ITEM: Principles to be shared with Committee.

Moved by Bill Darnell, seconded by Stan Eaman;

THAT the Climate Action Advisory Committee recommends that Council adopt the amended *Guiding Principles* for the Climate Action Advisory Committee and the Planning Process.

CARRIED.

**UNITED
NATIONS
GLOBAL
COMPACT
PRESENTATION**

Colleen Dix provided a presentation on the United Nations Global Compact. The following points were noted:

- Looking to adhere to the United Nations Global Compact – 10 Principles that companies can operate under in areas of human rights, labour, environment and anti-corruption.
- Colleen had wanted the group to come to the Climate Action Advisory Committee to advise of the benefits of joining the Compact.
- Conference call to be facilitated next meeting

NEW BUSINESS

Peter Robinson from the Community Energy Association was introduced. Peter has been assisting the Committee since October in developing a process for constructing a Climate Mitigation Plan, which will involve establishing and setting GHG reduction targets and developing a realistic plan to meet those targets.

**WORKING
GROUP
UPDATES****Mitigation**

Peter Robinson reviewed his PowerPoint presentation which was developed at our request to quickly update the 2013 GHG Emissions Inventory data with readily available information, and which included the following points:

- Getting the data from the Province of BC for 2007, 2010, 2012 as well as community level utility and landfill waste data for 2016
- Have high confidence in data for residential electricity, commercial and small-medium industrial and residential natural gas
- There are confidence issues with some data sets, bottom line = we do the best we can with the data we can get
- Already know what the major sources of emissions are and year-on-year data gathering remains tricky
- Business As Usual (BAU) projections –
- 2016 inventory & projections – for demonstration purposes only - target trajectory set for 25% reduction by 2030, then continuation along same trajectory
- BAU GHGs by Sector, tonnes/year reviewed – reduction projected in passenger vehicles emission by 2040 because of Provincial Government's Commitment to Zero emission vehicles by then
- Pie chart indicates that \$150M is spent per year as a community energy cost – there are huge savings to be had through efficiency measures

- 2016 Inventory - Proportion of energy consumption - shows where emissions and expenditures happen
- Electricity responsible for great deal of consumption but little contribution to GHG emissions since most of it is hydro-electricity.

Questions:

Committee would like some advice on how to leverage this information into a coherent format for messaging/community engagement. Suggestion to have vehicle gas usage charts. The District of Ucluelet's public information package was shared with the Committee.

Suggestion to have information that highlights how money can be kept in the community.

Would be nice to have a chart showing individual and corporate actions and the impact difference between each (example: the impact of eating local food).

Next steps – the Staff Liaison is developing scope of work for the component of the Mitigation Plan development that will be outsourced. To be circulated to Mitigation Working Group. Procurement process still to be determined.

Adaptation:

- March 12th Workshop hosted by Regional District of North Okanagan (RDNO) – data was applicable for our community, slides are currently being shared with City of Vernon.
- Foothills Neighbourhood forming a group to focus on being Firesmart – controlled burning being done in this area by the Fire Department
- Excellent document produced by the South Okanagan Real Estate Board – will be available in the shared Sync directory.
- **ACTION ITEM:** Data shared from RDNO will be sent out to Committee. Historic and projected future climate data from PCIC will be needed by a consultant for conducting vulnerability and risk assessment of City infrastructure and community assets – the RFP to hire a consultant will be circulated to the Adaptation Working Group by staff for comment.

Engagement

- Climate Action Ambassador Program – first step is to go to general public and raise awareness of climate change/begin thinking about

a vision. Need to compile a list of possible ambassadors and then host ½ day training sessions

- Best ambassadors – peer to peer, must have good listening skills
- The list was updated with possible ambassadors.
- Committee added several names to the list of Target Audiences and Ambassadors
- **ACTION ITEM:** Colleen Dix to prepare spreadsheet with possible names/emails
- Committee to review and provide additional names by Wednesday April 10, 2019
- Invites to be sent out two weeks at the latest before the sessions on Friday, May 3 and Saturday May 11 from 9 -1pm
- Email addresses are required
- Use Event Brite to track attendance.

Initiative for youth to be involved – sent out a list to teachers and principals – not much response to date. More efficient to email from the City inviting teachers on April 18 at 4pm in Council Chambers to show that they are part of a larger city initiative. Youth to talk about their vision when there are adults and represent that in variety of ways, songs, art, interview, plant trees, etc

On June 5 Environment Week – there will be a display from this community as a way to showcase the youth climate visioning. An application has been put in to the Village Mall for the display location. It would be nice to have student member input with the teachers at the planning session.

The Committee will be included in the invite for the teachers planning meeting April 18 at 4pm.

Community engagement subcommittee to meet (April 11 and 10 am) to review slideshow, finalize Target Audiences and Ambassadors in preparation for sending out invitation.

PROCUREMENT PROCESS

Developed scopes of work will go to respective Working Groups, then to procurement to secure consultants

DISCUSSION OF MEETING TIMES AND DATES

Best times for regular Committee Meetings are during the first week of the month, between 1 and 3 pm.

Next meetings: May 8, 1-3pm and June 4, 1-3pm

INFORMATION ITEMS:

The following information items were noted:

- An executive summary of a Climate Report by the Federal Government has been uploaded to Sync for the Committee's review. How can it be reflected in committee/City communications
- Possible to integrate into a previously planned press release? Also, as part of the Committee's communication plan – suggestion to release regular sound bytes regarding initiatives, statistics, etc.
- Kevin McCarty recommended '*Drawdown – The Most Comprehensive Plan Ever Proposed to Reverse Global Warming*'

NEXT MEETING The next regular meeting of the Climate Action Advisory Committee will be held on May 8, 2019 beginning at 1 p.m.

ADJOURNMENT The meeting of the Climate Action Advisory Committee adjourned at 4:57p.m.

CERTIFIED CORRECT:

_____ Co-Chair

_____ Co-Chair

April 25, 2019

Mayor Victor Cumming
3001 32nd Ave
Vernon, BC
V1T 2L8

Re: Climate Action Education Proposal

Dear Mr. Cumming,

I was delighted to be part of the Climate Action meeting last week that brought together city representatives and teachers and students from SD#22. As a teacher who has taught elementary and high school, and as a citizen who has been concerned about climate change since 1999, I feel I am in an excellent position to work with the City of Vernon to engage youth to make meaningful change here in Vernon.

Teachers are busy people. With 20-100 students per term to teach, daily lessons to plan, marking, extra-curricular activities, staff meetings, parent meetings, report cards, and a new curriculum, our days are very full. Though many teachers feel a desire to present interesting lessons on climate change and harness their students' boundless energy and passion for the benefit of the environment, those same teachers often find themselves too busy with the "day-to-day" to plan for too many new things.

In light of this situation, I propose the City make it easy and compelling for local teachers to rapidly incorporate much needed climate action education into their classes. Please find attached a 6 week proposal to create and gather content that would be meaningful, engaging, and easily accessible to Vernon teachers via a centralised, multimedia, online platform. There are good resources available online, but the time it would take each individual teacher to locate, vet, and organize that content is too great a barrier for the majority of educators. The platform I propose would help teachers inspire the kind of learning, creativity, innovation, drive, and passion our students urgently need to be motivated to join in the efforts to change our environment for the better. If the City so desired, we could also share the platform with all BC teachers, which could benefit many more students across the province.

I look forward to discussing this proposal with you.

Climate Action Education Proposal

Project Scope:

Create an Online Platform for Climate Action Education which will be available for 600 Vernon teachers for all grades, and would connect to the new curriculum in multiple subject areas including, Social Studies, Science, English, French, Social justice, Math, Art, and Drama. The platform will include:

- Lesson plans
- Videos
- Informative and engaging texts
- Imagery
- Drama scripts
- Inspiring music
- Instructions for various large and small-scale projects
- Field trip ideas and lesson plans

Many of the lessons will also fulfill the provincial mandate to infuse Aboriginal teachings into the curriculum, fostering respect for and balance with the environment.

During development, I will reach out and engage with Vernon teachers to gather feedback on the material being developed. My spouse has a software engineering background and will provide technical services to help build the platform.

After completion, a presentation will be made to the City of Vernon and the Vernon School District to showcase the platform, and an action plan to deliver the materials and integrate in the curriculum.

Timeframe: 6 weeks, during the months of July, August 2019

Cost: \$8000 (30% due at project start, and 70% at completion)