



Meeting Notes

The City of Calgary – Calgary Climate Panel – Meeting #11

Time: 9:00am – 12:00pm, 4 June 2021

Online – Microsoft Teams Platform

Agenda

Time	Agenda Items	Lead
9:00am – 9:15am	Welcome and Agenda	Climate Team
9:15am – 9:35am	Working Group Updates	Marie Tremblay & Olena Olafson
9:35am – 9:50 am	Presentation: Chris Brown from Calgary Economic Development	Chris Brown
9:50am – 10:00am	University of Calgary Urban Methane Research Project	Dr. Jennifer Winter
10:00am – 10:15 am	Climate Panel Annual Report to Council	Harris Switzman
10:15am – 10:55am	Strategic Priority Focus Areas and Actions for 2021+/2022 <ul style="list-style-type: none"> Equity and Indigenous World View 	Climate Team & Lorna Crowshoe
10:55am – 11:10 am	Break	
11:10am – 11:30am	Climate Resilience Strategy and Action Plans – 2022 Update	Climate Team
11:40am – 11:50am	Next Steps	Co-Chairs
11:50am – 11:55am	Closing	

Attendance

Organization	Representative	June 4, 2021
Alberta Council for Environmental Education	Marie Tremblay	X
Alberta Ecotrust	Mike Mellross	X
Alberta Health Services	Dr. Nicholas Etches	
ATCO Gas	Ryan Germaine	X
BILD Calgary Region	Deborah Cooper	X
BOMA Calgary	Jay Islam	X
Calgary Airport Authority – Co-chair	Harris Switzman	X
Calgary Board of Education	Olena Olafson	X
Calgary Chamber of Commerce	Steven Nuss	
Calgary Climate Hub	Bob Morrison	X
Calgary Emergency Management Agency	Coby Duerr	
Calgary Emergency Management Agency	Toby Bellis	X
Calgary Emergency Management Agency	Michael Luchia	
Citizen-at-Large	Rev. Bill Phipps	
ENMAX Energy	Jennifer Lefevre	
Fuse Collective	Ai-Linh Tran	X
Indigenous Community	Lorna Crowshoe	X
Intact Insurance	Luisa Currie	
Siemens Canada	Adrian Francese	X
The City of Calgary – Councillor	To Be Determined	
The City of Calgary – UEP General Manager	To Be Determined	
University of Calgary	Dr. Jennifer Winter	X

University of Calgary	Joanne Perdue	
Youth Community	Logan Mitchell	
Administrative Support		
The City of Calgary – ESM Director	Christopher Collier	X
The City of Calgary – Climate Change & Environment Manager	Dick Ebersohn	X
The City of Calgary – Climate Leader	Brit Samborsky	X
The City of Calgary – Climate Leader	Dawn Smith	X
The City of Calgary – Climate Leader	Ivy Campbell	X
The City of Calgary – Climate Team Member	Lisa Shauer	X
The City of Calgary – Communications	Dianne Quan	X

Discussion

Agenda Item Notes	Actions
<p>1. Welcome and Agenda from the Chair</p> <ul style="list-style-type: none"> ➤ Acknowledged the work of Climate team in preparation for this meeting. ➤ Reminder of the mandate of the Calgary Climate Panel <ul style="list-style-type: none"> ● To provide the City feedback and advise on its actions and advancement in relation to the Climate Strategy, and ● To collaborate on community initiatives and opportunities to advance climate mitigation and adaptation ➤ Brief overview of the agenda items and guest speakers 	FYI
<p>2. Session Overview and New Introductions</p> <ul style="list-style-type: none"> ➤ The theme for this meeting is <i>“2021 and Beyond – Path Forward for Calgary’s Climate Strategy and Climate Governance”</i> ➤ Note the meeting will be recorded for transcribing purposes and will be kept confidential ➤ Acknowledged the 215 children who were found at the Kamloops Residential school <ul style="list-style-type: none"> ● Indigenous people are disproportionately affected by climate change and have disproportioned access to resources to adapt to climate change. Need to ensure we incorporate these discussions into our decisions. ➤ Introductions to new City of Calgary Administrative staff: <ul style="list-style-type: none"> ● Ivy Campbell, Leader of Climate Governance & Planning ● Lisa Shauer, Climate Panel Secretary role ● Diane Quan, Communications Advisor ➤ Introduction of new Climate Panel member: <ul style="list-style-type: none"> ● Toby Bellis, CEMA ➤ Thank you to Doug Owens and Brookfield Residential for his contributions on the Calgary Climate Panel. All of the builders and developers will now be represented through BILD Calgary Region. ➤ Action Item: City of Calgary to send the Climate Panel an updated City Administration org chart after the City re-organization has been complete. 	FYI
<ul style="list-style-type: none"> ➤ Working Group Updates 	FYI + Q/A

<ul style="list-style-type: none"> ➤ We have asked the working group participants to provide their updates in addition to providing updates in the pre-meeting package. <p><u>Adaptation Working Group</u></p> <ul style="list-style-type: none"> ➤ Since the creation of the working group and the first meeting in November, they have met four times and held a workshop with non-members being included. ➤ They have developed the Terms of Reference and non-disclosure agreement because some of their work is not available to the public as of yet. ➤ They have become more familiar with the Adaptation work that the City of Calgary is currently working on. ➤ Climate Ready Home Guide is available online. It is a great resource on how to adapt to current climate hazards. ➤ The next steps are to gather information and find out where can provide support and advice and what work we can take to our own organizations ➤ Also plan on refining the Adaptation Action Plan in preparation for the 2022 Climate Resilience Strategy update. <p><u>Calgary Schools for Climate Action Working Group</u></p> <ul style="list-style-type: none"> ➤ The Working Group has been in existence for 2 years and this was the first year of implementation. ➤ They have established a new formal partnership with the City of Calgary and EcoSchools Canada and have looked for a framework that would track GHG emissions reductions and in an online platform. ➤ The City of Calgary will transition their longstanding EcoLeaders Program into Calgary EcoSchools with the idea from moving from a classroom based model to a school based model ➤ There has been successful teacher engagement sessions with significant participation ➤ The next steps are to document and share successes, set targets for next year and expanding to bring the program to Edmonton and follow a similar approach. ➤ Key insights: there is some hesitancy around climate education as it is considered a sensitive topic. They are trying to address those barriers and also state the importance of linking climate action to the curriculum. <p><u>Climate Program Update Questions</u></p> <ul style="list-style-type: none"> ➤ There will no longer be a presentation on the Climate Program Updates as this will only be included as a pre-meeting package. ➤ There were no questions regarding the Climate Program update. 	
<ul style="list-style-type: none"> ➤ Presentation: Chris Brown, Calgary Economic Development ➤ Chris is the Business Development Manager for Energy and Environment with Calgary Economic Development. ➤ Encourages everyone to read the Community Built Strategy from Calgary Economic Development called Calgary in the New Economy. ➤ Energy and Environment is made up of 5 sub-sectors: oil and gas, renewable energy, clean tech, electrification and clean energy. There is a strong focus on technology 	FYI + Q/A

<p>and digital transformation in Calgary. There is going to be \$18.2 billion spent in this area. This technology layer will help accelerate and create economic development across any sector.</p> <ul style="list-style-type: none"> ➤ There is a changing perception about Calgary and Alberta regarding renewable energy. Clean tech companies have discounted Alberta because they said we are very carbon intensive. However, Alberta is in a unique position as our power system has the ability to set up utility scale solar or wind. <ul style="list-style-type: none"> • Solar is expected to grow by almost 20 times by 2025 to almost 2 gigawatts • Wind is expected to triple by 2025 ➤ Calgary renewable energy companies have been signing Power Purchase Agreements (PPA) with well-known corporations such as Lafarge, Amazon and Royal Bank of Canada. This is a great indicator for our competitive power pricing. ➤ Cleantech Resource Innovation Network (CRIN) is a network that focuses on producing clean hydrocarbon energy from source to end. CRIN was awarded \$100 million. ➤ The three pieces that are going to lead to economic paths from 2023 onwards are: hydrogen, EV's and lithium. It is imperative the City and the Province capture these opportunities. <ul style="list-style-type: none"> • The first step is to map out a hydrogen opportunity for Calgary as a hub and complete a Calgary study. Once the study is completed, it adds credibility for us to communicate outside of Alberta and seek investors. • Another opportunity for Calgary is from an EV charging network perspective. If Croatia has an EV company, then why doesn't Calgary have one? ➤ Recommendations for the City of Calgary: <ul style="list-style-type: none"> • Be "loud and proud" about a net zero target is a necessity. • Communicate that we are a leader in this area as it will peak interest and get attention from an investment perspective • New projects, such as hydrogen blending, a pilot project, mandate a certain amount of hydrogen ➤ Action Item: The City of Calgary and members of the panel agreed to support Calgary Economic Development's efforts to understand EV and hydrogen potential and will look at potential opportunities for participation. 	
<p>3. University of Calgary Urban Methane Research Project</p> <ul style="list-style-type: none"> ➤ The Calgary Urban Methane Research Project is a funding application that Dr. Jennifer Winter and her colleagues at the University of Calgary submitted to the Federal Climate Action Awareness Fund ➤ The project is proposing to use Calgary as a test to quantify urban methane emissions. They are proposing to measure methane emissions from all potential sources and develop a citywide inventory and strategy to guide mitigation and track projections. They also want to engage with organizations and the public to promote methane mitigation and reductions. ➤ The University of Calgary is asking the Climate Panel: <ul style="list-style-type: none"> • For a letter of support for the project; 	FYI + Q/A

<ul style="list-style-type: none"> • For members to connect the University of Calgary with any of their networks who would be willing to assist with the project; • For any organizations to assist with the project; and • For assistance engaging the public with the project. • An organization can assist the project, for example by doing measurements of their building to check their furnace and see if any natural gas is leaking. This is an opportunity for organizations to reduce costs and avoid contributing to the global problem. <ul style="list-style-type: none"> ➤ A recommendation is that an additional outcome of the project can be to integrate the results of this project with the City of Calgary’s inventory of GHG emissions and determine how accurate the City of Calgary’s monitoring and measuring are using real data. ➤ <u>Decision:</u> Both the City of Calgary and Calgary Climate Panel have agreed to provide a letter of support for the project. ➤ Action Item: Jennifer to provide Climate Panel members with a template letter of support. Climate Panel co-chairs and The City of Calgary to sign the letter of support and send to Jennifer by June 12th, 2021. ➤ Action Item: Jennifer to inform the Panel if the funding application is successful and inform the Panel of any next steps required. 	
<p>4. Strategic Priority Focus Areas and Actions for 2021+/2022</p> <ul style="list-style-type: none"> ➤ City Administration created 5 Key Strategic Priorities of the Calgary Climate Panel based on the Strategic Priorities identified in the March 5, 2021 meeting and the Climate Panel’s Annual Report. They are not listed in order of priority. ➤ The Key Strategic Priorities are: <ol style="list-style-type: none"> 1. Improve sphere of influence with City Council and Administration; 2. Integration of a Climate Equity in all Climate Panel discussion and work; 3. Investigate Incentive, Rebate, Funding Programs; 4. Engage with Administration on establishment of a citywide carbon budget; and 5. Engage with Administration on 2022 Climate Strategy and Action Plans update (includes targets and indicators) ➤ Each Strategic Priority is assigned tasks, actions and a timeline. ➤ Panel members provided feedback on the Strategic Priorities. ➤ It was determined that the preference is to incorporate any new working group themes into existing working groups rather than create a new working group. ➤ An idea is to have a standing agenda item for the climate panel meetings where people can bring forward either opportunities that they know in this area or ways to advance it. ➤ Equity and Indigenous World View <ul style="list-style-type: none"> • Acknowledged the importance of integrating indigenous perspectives into our discussions. • A presentation on Indigenous World View & Climate was presented by Lorna Crowshoe. 	FYI + Contribute

<ul style="list-style-type: none"> ➤ Acknowledge climate justice that Calgary takes its fair share responsibility for GHG reductions. Calgary is a very wealthy city with a very high carbon footprint and has enjoyed inexpensive fossil fuels to build our economy. 	
<p>5. Climate Resilience Strategy and Action Plans – 2022 Update</p> <ul style="list-style-type: none"> ➤ Calgary City Charter requires that our climate actions plans be updated every five years and council requires that happen one year before the next business cycle. ➤ City Administration is aiming to have the 2022 Strategy Update completed by Q2 of 2022 with the full package being sent to Council in June 2022. ➤ Summarized what will be in scope and out of scope of the revised strategy. ➤ Recommendation to include global equity and Calgary’s fair share to be included in the Strategy Update. ➤ City Administration will engage the Climate Panel on the 2022 Strategy. The role of the Climate Panel is to provide advice and recommendations on the 2022 Strategy. ➤ General Timelines: <ul style="list-style-type: none"> • Engagement (July-Dec 2021) • Develop Leading Indicators & Updated Actions (September – January 2022) • Finalize Big Moves & Supporting Actions (January – March 2022) • Draft Updated Strategy and Action Plans (March – April 2022) 	FYI + Contribute
<p>6. Next Steps</p> <ul style="list-style-type: none"> ➤ Action Items were summarized ➤ Acknowledgement of Chris Brown’s words “loud and proud” that was said during his presentation. ➤ Acknowledge the additional recommendations to the priorities and update to the 2022 Climate Strategy. ➤ Recommendation for further youth engagement. ➤ Acknowledgement that the Climate Panel meeting was shortened as per the Climate Panel’s request. ➤ A discussion on recommendations on how to better organize the working groups as a transition to becoming a BCC. <ul style="list-style-type: none"> • The intention is to make the working groups more formal with standing agenda items • Some working groups are specific while others are broader • A suggestion is to have the working groups organized by themes based on the Climate Resilience Strategy in order to align with City Administration. • A reminder of the current working groups: <ul style="list-style-type: none"> ○ Calgary Schools for Climate Action Working Group ○ Climate Adaptation Working Group ○ Utilities and Buildings Working Group ○ Energy Benchmarking Working Group ➤ Action Item: Panel members to provide recommendations on any new working groups and how to better organize the working groups for the Q3, 2021 meeting. 	FYI

<ul style="list-style-type: none"> ➤ Action Item: Working Groups to contact City Administration (climatepanel@calgary.ca) of any ideas they would like to be discussed at future meetings where broader support from the Climate Panel would be needed. 	
<p>7. Closing</p> <ul style="list-style-type: none"> ➤ The next Climate Panel meetings are scheduled for September 10th, 2021 and December 3rd, 2021 ➤ Contact climatepanel@calgary.ca (Lisa Shauer) for any communication regarding the Calgary Climate Panel 	

Meeting Action Items

#	Description	Responsibility	Due Date	Status
1.	Send the Climate Panel an updated City Administration org chart after the City re-organization has been complete.	City of Calgary Administration	TBD - 2022	Not started
2.	The City of Calgary and members of the panel agreed to support Calgary Economic Development's efforts to understand EV and hydrogen potential and will look at potential opportunities for participation.	City of Calgary Administration, Calgary Climate Panel	TBD	Ongoing
3.	Provide Climate Panel members with a template letter of support. Climate Panel co-chairs and The City of Calgary to sign the letter of support and send to Jennifer.	Dr. Jennifer Winter, Chris Collier & Harris Switzman	June 12 th , 2021	Completed
4.	Inform the Panel if the University of Calgary funding application is successful. Inform the Panel of any next steps required.	Dr. Jennifer Winter	TBD	N/A
5.	Send the completed Annual Report document to Climate Panel members	Harris Switzman	June 18, 2021	Completed
6.	Panel members provide recommendations on any new working groups and how to better organize the working groups; include in discussion on Terms of Reference for BCC application.	Climate Panel members	September 2021	N/A
7.	Working Groups to contact City Administration (climatepanel@calgary.ca) of any ideas they would like to be discussed at future meetings where broader support from the Climate Panel would be needed.	Working Group members	TBD	Ongoing