



Public Submission

City Clerk's Office

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* I have read and understand that my name, contact information and comments will be made publicly available in the Council Agenda

* First name **Bob**

* Last name **Morrison**

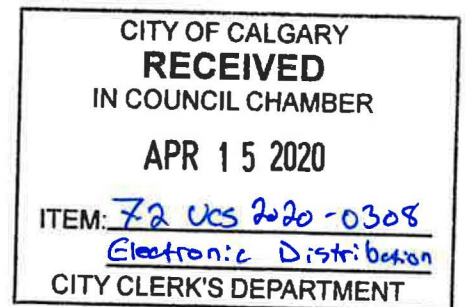
Email **aresem@shaw.ca**

Phone

* Subject **April 15th Utilities & Corporate Services Meeting: Climate Resilience Strategy**

* Comments - please refrain from providing personal information in this field (maximum 2500 characters)

I have attached PDFs of a PowerPoint presentation and submission document. These documents are in support of the presentation I hope to make tomorrow. I had to convert the PowerPoint to a PDF because your submission website would not allow me to upload it as a PowerPoint document. Would it still be possible to put the PowerPoint presentation on the Council Chambers' screens while I speak?





Calgary Climate Hub

Presentation

CLIMATE RESILIENCE STRATEGY

- ▶ We complement the capable & dedicated staff working on the *Strategy* and encourage the City to continue its outreach on what needs to be done.

- ▶ We are particularly impressed with
 - ▶ Calgary Schools for Climate Action
 - ▶ Climate Panel
 - ▶ Commercial and Institutional Energy Benchmarking Program

However, progress on the *Climate Resilience Strategy* has not been fast enough, decisive enough, or aggressive enough.

▶ Two key things are needed to make the *Strategy* successful:

- ▶ Increased funding is needed. Climate action is one of the best financial decisions the City can make.
- ▶ City & Provincial decisions need to be aligned with the *Strategy*.
 - ▶ As Administration noted, .
 - ▶ Intentional governance and inter-departmental collaboration is required.
 - ▶ Inaction or unintentional management could lead to confusion within the community or negative perceptions within the investment, insurance, development or building industries.

- ▶ **The Climate Panel has provided excellent advice – key ones have been highlighted by Administration**

▶ Five other vital recommendations of the Panel are:

- ▶ Reallocate funding as needed to support climate actions.
- ▶ Implement by 2022, programs to achieve by 2030 the financially neutral and positive measures identified in the *Economics of Low Carbon Development* report.
- ▶ Implement by 2022 a progressive fee structure for electrical, heating, water, wastewater, and road use within the City.
- ▶ Ensure new infrastructure, asset purchases or retrofits are always done in a manner that considers climate mitigation and adaptation in procurement and design criteria.
- ▶ Provide moral and, where appropriate, resource support to other jurisdictions in their efforts to eliminate human contributions to climate change.



Assessment of Climate Resilience Progress

OVERALL
<ul style="list-style-type: none"> • Excellent work has been done on education and involving key stakeholders. • Progress on the <i>Climate Resilience Strategy</i> has not been fast enough, decisive enough, or aggressive enough.
• Strengths:
<ul style="list-style-type: none"> ○ Capable & dedicated staff ○ Effective communication program ○ Involvement of key stakeholders ○ Incorporation of climate strategy during the review of the MDP
• Room for improvement
<ul style="list-style-type: none"> ○ Some City & Provincial decisions not aligned with the <i>Strategy</i> ○ Lack of funding ○ Need for broader outreach to general public ○ Need to continue incorporating climate projection, climate strategy, and the cost of inaction into city key strategic documents, including asset management and corporate risk strategy

DETAILS	
Program	Initiative
Outreach & education	Calgary Schools for Climate Action An excellent initiative.
	Climate Panel The Panel has broad representation and functions very well.
	Recommendations of Climate Panel A solid group of positive recommendations.
Collaboration	Utilities and Energy Working Group Utilities are key players. Very beneficial, but could be doing more by working towards net-zero power generation, including ENMAX.

DETAILS	
Program	Initiative
Energy efficient buildings	<p style="text-align: center;">Four New Buildings (Event Centre, BMO Centre Expansion, Arts Commons, & Foothills Fieldhouse)</p> <p>The certification selection tool under the Sustainable Building Polices needs to ensure that these facilities are designed as net-zero, water-wise buildings hosting zero-waste events.</p>
	<p style="text-align: center;">Commercial and Institutional Energy Benchmarking Program Working Group</p> <p>An important project with far-reaching potential.</p> <p>Alberta needs to have much higher standards than the <i>Building Code</i>. Calgary needs to set specific climate construction parameters like Vancouver, Toronto, Paris. etc.</p>
	<p style="text-align: center;">Residential Building Labelling</p> <p>Needs to include the overall climate footprint of housing choices. Need to set higher standards and implement them.</p>
	<p style="text-align: center;">Made-in-Alberta PACE program (Property-Assessed Clean Energy)</p> <p>The City needs to convince the Province to move forward. Provincial legislation to enable a Clean Energy Improvement Program came into effect on January 1, 2019. The City of Edmonton and the Town of Devon already passed a bylaw to implement a PACE program. The City of Calgary should implement a similar initiative</p>
Transportation	<p style="text-align: center;">Public Transit</p> <p>Much more work needed to make transit the most attractive option for getting around the city, including making it fare-free.</p>
	<p style="text-align: center;">Ring Road</p> <p>The City needs to have the Province limit expansion of Stoney Trail.</p>

DETAILS	
Program	Initiative
	<p style="text-align: center;">Low or Zero Emissions Transportation Modes</p> <p>Many of low cost actions in the plan could be implemented such as creating dedicated lanes for buses and High-Occupancy-Vehicles and continue to invest in segregated bike lanes.</p> <p>Redirect funds to active modes. Improve cycling and pedestrian options when improving road and transit infrastructure.</p>
Land Use & Development	<p style="text-align: center;"><i>Great Communities Guidebook</i></p> <p>The <i>Guidebook</i> needs to prescribe targets to address the climate crisis.</p>
	<p style="text-align: center;">Land-Use and GHG Assessments</p> <p>Develop methodologies to integrate GHG reduction potential into growth management decisions and transportation assessments, particularly for servicing for new communities.</p>
Natural/ Ecological Infrastructure	<p style="text-align: center;">Greater Naturalization</p> <p>Establish targets integrating natural systems throughout neighbourhoods, including increased permeable surface area, low-maintenance native plants and grasses, using green spaces for local food production, improved tree-planting regulations.</p>
Procurement	<p style="text-align: center;">Green Procurement</p> <p>More local, net-zero purchasing.</p>



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* I have read and understand that my name, contact information and comments will be made publicly available in the Council Agenda.

* First name **Chris**

* Last name **Longson**

Email **chris.longson@telus.net**

Phone

* Subject **SPC on Utilities and Corporate Services, Climate Resilience Strategy and Four Capital Buildings**

* Comments - please refrain from providing personal information in this field (maximum 2500 characters) **For the attention of the members of the Standing Policy Committee on Utilities and Corporate Services
Cc Councillor Jeromy Farkas, Mayor Naheed Nenshi**

City of Calgary Standing Policy Committee on Utilities and Corporate Services

April 15, 2020

Climate Resilience Strategy and Four Capital Buildings

Dear Mr Sutherland and Members of the Committee

I am writing to you as a concerned Calgary resident and one who has had a forty year professional career in the oil and gas industry, who has come to realize that the way forward for our city and province is no longer business as usual. We need to take urgent action to diversify our energy supply and move quickly to a sustainable future.

I am pleased and encouraged to read about the actions taken by our city on climate resilience described in the 'Climate Resilience Strategy 2019 Update' being presented to the Standing Policy Committee for Utilities and Corporate Services this week. I especially urge you to heed the urgent call therein for increased climate action. Furthermore, I believe there is an opportunity before us right now which could symbolically help launch this initiative to the next level.

This an ideal time to ensure the city's Four Capital Building projects be built to net-zero green building standards, to be truly outstanding examples of what is possible and to become symbols for the future of our city.

Recovery from the twin crises of COVID-19 and the collapse of the oil and gas industry will need significant economic stimulus and these building projects, starting with the Event Centre and the BMO Centre expansion, have the potential to play a significant role as tangible symbols of recovery in a new sustainable direction.

City funding for the Event Centre was controversial and many Calgarians remain sceptical about the benefits; but now that it's going ahead, let's inspire all Calgarians by making it a world class facility that we can all be proud of and which symbolizes a Calgary that is looking toward a sustainable and more diversified future. By extending this to include all four of the Capital Building projects, we can provide a catalyst for growth of local skills and businesses in 'next-generation' building construction and services. These will be vital for long term realization of the transformation of the building standards in the city.

As a first step, I am urging that the Standing Policy Committee for Utilities and Corporate Services use its mandate to recommend that City Council includes the Four Capital Buildings as specific initiatives to showcase the Climate Resilience Strategy in planning the forthcoming economic recovery and ensures that the City Administration has timely and adequate funding and resources for implementation.

Also, I understand the new Event Centre is mandated to be built in accordance with the City of Calgary's Sustainable Building Policy but this does not appear to be clearly linked to the Climate Resilience Strategy so please ask the City Council to expedite strengthening the Sustainable Building Policy in terms of the Climate Resilience Strategy.

Sincerely,

Chris Longson



Cc Councillor Jeromy Farkas, Mayor Naheed Nenshi



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* First name **Joan**

* Last name **Lawrence**

Email **joan@calgaryclimatehub.ca**

Phone **403-276-9946**

* Subject **Submission to Utility and Corporate Services SPC Wednesday, April 15**

* Comments - please refrain from providing personal information in this field (maximum 2500 characters)

I would like to make a presentation on behalf of the Calgary Climate Hub tomorrow.

CALGARY
CLIMATE
HUB



THE POST- COVID FUTURE

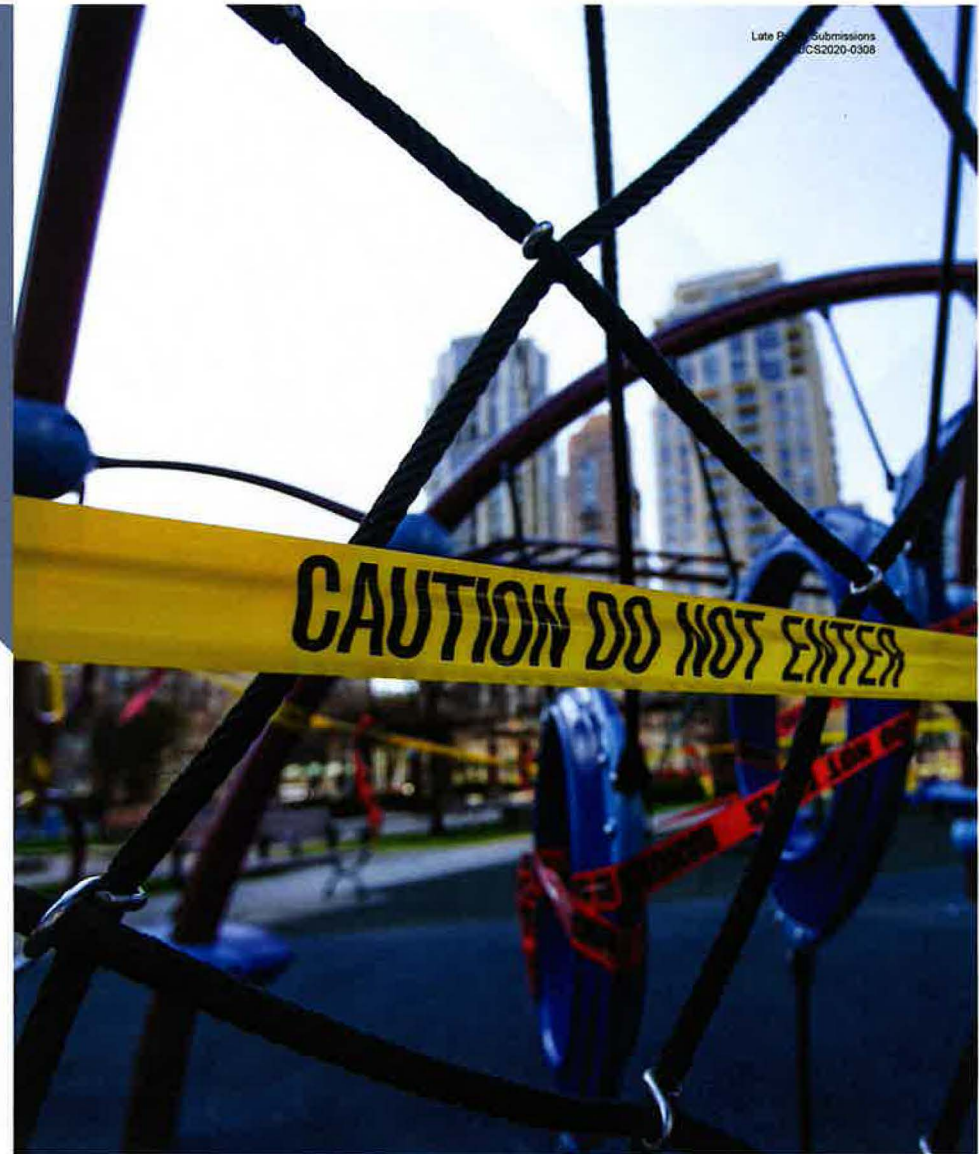
Presented by Joan Lawrence





Where do we want to be when this is over?

Youth will inherit unprecedented debt incurred during the pandemic. They should not have to inherit a climate crisis as well. Let's make sure our decisions now are investments in a better future.



Energy Performance Standards

In new and existing
buildings



Improve building
performance
beyond current
building code



Investigate and
implement
incentives



Enable innovative
financing
mechanisms



**BUILDINGS ACCOUNT
FOR 65% OF GHG
EMISSIONS**



**215 MT POTENTIAL
GHG REDUCTIONS TO
2050**



500,000 JOB YEARS

Benefits

NET-ZERO FOUR CAPITAL BUILDINGS

BMO CENTRE



EVENT
CENTRE



ARTS
CENTRAL



FOOTHILLS
FIELDHOUSE





Impact of Net Zero

SYMBOLIC

Demonstrates our city's commitment to sustainability.

OPERATIONS

Event planners increasingly considering climate impact
Reduced operating costs

GHG REDUCTIONS

Between 1.5 and 2.3 million tonnes of CO₂ equivalent.