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# Climate Strategy Update

What We Heard: Verbatim  
Online Engagement Results – “Calgarians”  
March 2022

## Verbatim Statement

The report below provides the verbatim comments for the Climate Strategy and Action Plan update engagement. It is intended to be an accompaniment to the [What We Heard report](#).

Verbatim comments presented here include all feedback, suggestions, comments, and messages that were collected online and in-person through the engagement. All input has been reviewed and provided to Project Teams to be considered in decision making for the project.

Any personal identifying information has been removed from the verbatim comments presented here. Comments or portions of comments that contain profanity, or that are not in compliance with the [City's Respectful Workplace Policy](#) or [Online Tool Moderation Practice](#), have also been removed from participant submissions.

Wherever possible the remainder of the submissions remains. No other edits to the feedback have been made, and the verbatim comments are as received. As a result, some of the content in this verbatim record may still be considered offensive or distasteful to some readers.

## Calgarians

### Question 1

*Which climate related and extreme weather events do you think pose the greatest risk to Calgarians? Please rank from highest risk to lowest risk.*

Sorting question. No verbatim comments.

### Question 2a

*Think about a time when you experienced an extreme weather event in Calgary. To what extent were you impacted? (I.e., financially impacted due to property damage or loss of income, physically impacted due to injury or illness, or mentally impacted due to shock or stress) Please consider the extreme weather events listed above.*

Multiple choice question. No verbatim comments.

### Question 2b

*Please explain:*

High heaty and smoke from climate induced forest fires affect breathing and limit outdoor activity
Evacuated during 2013 flood but no financial damages in the end.



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The excessive heat and wildfire smoke impacts my physical and mental health.
The wildfire smoke and heat impacts all of us, especially my son who doesn't get to enjoy outdoor activities in a real summer. It's like living on Mars.
Hail in 2020 caused a great deal of house damage. The wildfire smoke, extreme heat, and even this recent stretch of very cold temperatures has impacted our ability to be outside when we otherwise would be.
Smoke in the summer has a major impact on my mental and physical health. Being unable to go outside in summer and enjoy physical activity is so upsetting.
Floods in 2012, had to close the business down for many weeks and lots a lot of revenue
Stress about wildfire smoke damage on lungs when I had my newborn. Car issues in extreme cold. Seasonal sadness in winter/extreme cold.
I am moderately asthmatic; every time Calgary is smoky I'm essentially trapped inside as my lungs cannot withstand smoke at all. Even inside my breathing is limited and ragged. I've also lost a vehicle in a major flood.
I'm smart enough to not live in a floodplain & not so selfish to expect to be bailed out by taxpayers when a river floods. Incidentally, on your list including river flooding is double-counting since it's caused by other things: severe storms, heavy rainfall, heavy snowfall. You should know better.
My neighbourhood was flooded in 2013 (fortunately, not our house). In 2014, our car was damaged by falling branches during a severe snowstorm. In 2008, tennis-ball-sized hail damaged our car and house roof. We were stuck inside for weeks for the past 3 summers due to extreme heat and smoke.
I was somewhat inconvenienced by last summer's heat dome (I do not have air conditioning). I am lucky to have a home with a basement and windows that open, and I realize not everyone has those advantages.
Wildfires over the past two summers have significantly impacted the air quality in Calgary and limited the activities I and those I care about were able to participate in.
Flooding of basement area because of heavy and persistent rain over several days. About \$12,000 in damage and repair. Anxiety as rain continued. Heavy work to try to ameliorate things as they occurred.
I have asthma and thus had to remain indoors. I then had to buy an air conditioner
As a senior in a condo that doesn't have AC I had a difficult time staying cool during the day at at night
The heat in summer is distressing to me, there's little I can do about it.
Impacted summer due to wildfires right out my backyard. Kids with lung issues already impacted even more. Cancelled vacations with out refunds, etc. Flooding- had to take time off work which I didn't get paid for.
Slightly mentally impacted due to shock and stress
we've suffered significant hail damage. Heavy smoke last summer also severely limited our ability to get outdoors.
In the 2013 flood, we were out of the flood plane.
2013 floods shut down Downtown YYC for over a week, unable to go to work
Shock, stress, and financial
Flood of 2013. We lived in the flood plain and lost all of our personal goods and furniture. Tho we were renting and so had no real property loss, we also found ourselves homeless for several months with three children. We were able to find shelter but it was a time of incredible turmoil.
Was unable to commute into downtown to work during the flood. Extreme heat and extreme cold has meant an increase in energy usage in our home. Also impacts how much time one can spend outdoors.



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I live in a condo so certainly not impacted the same way as individual home owners
Evacuated due to the flood, garden damaged due to storms/hail/extreme heat every summer (a source of food for us)
Damage to property, financial loss, physical impact due to injury, lack of accessible communication for deaf (captioning and ASL interpreter), mental impact of stress
Demands of work increase, round the clock response due to emergency
I was emotionally impacted as well as physically because I could no longer commute to work
This past summer both extreme heat and smoke from wild fires kept me inside on many occasions
Hailstorm damaged vehicle
We were not affected directly by the flood in Calgary as we live 80 blocks north of the Bow River no flooding here. My husbands' workplace was also on the North hill so no flooding.
I was living downtown during the flood and lost everything in my storage locker including family mementos
Flood damaged apartment
Did not leave the house for recreational purposes during extreme heat and smoke or during extreme cold.
Could not function for the week of extreme heat, felt ill, almost fainted when outside and had to sleep in my basement. During the 2013 flood I took in family members who were out of their home. The extensive smoke from wildfires in BC is debilitating for outdoor activities.
Extreme heat made rest uncomfortable. Energy bills rose as we had to rely on AC. We also noticed flying insects getting into our home to avoid the excessive heat. Calgary is also experiencing extreme cold conditions as climate change is affecting the jet stream. Cold affects Calgarians & economy.
Did not live in the flood zone.
Our home was hit by mega hail last year, and we struggled to pay the deductible and depreciation. We had hoped to save money to invest in energy efficiency upgrades to our home (solar panels, new windows and doors, heat pump), but instead we have to pay for a new roof and siding because of hail.
Mentally.
Affected by the extreme heat and smoke
Hail cracked our skylights and we ended up having the roof replaced. Also had 2 cars hail damaged from that storm.
Wildfires this summer - hard to breath - physically impacted
Damage to property from hail and flooding, tree damage from heavy snow; health concerns due to wildfire smoke and working outside; discomfort due to extreme heat
Extreme cold wasn't mentioned above but this affects me most as a car fee person. I've empowered myself to become mentally and emotionally resilient through committing to regular emotional healing processes. I don't know how people are going to handle things without them.
Evacuated from home 2013. Moved temporarily to mother's rural property downstream of bow river basin in Vulcan County, was evacuated again. Flood relief was not enough to help mother in law rebuild and emergency system was too siloed. She now lives in same home without insurance.
Property damage in hail storms, isolation in flooding (live higher than flood levels), cost of snow clearing, cost and availability of water in dry years
Transit. Despite them promoting "real time" transit apps they actually in reality ARE NOT. Any weather event and none are correct at all.
I was bit able to go to work during the floods in 2013

Extreme rainfall overwhelms areas causing local flooding and property damage.
We moved here just after the 2013 flood, to Killarney which is obviously far from the river so not directly affected. The 2015 September snow storm snapped some trees but we were also not directly impacted.
When we have wildfire smoke that affects our air quality significantly, or when we have extreme heat days, I stay inside and keep my kids inside. On extreme heat days I also noticed this last year that my vegetables in my garden actually seemed sunburned. These events create stress.
My lot went under water and my basement had 5'6" of water in it. Bigger problem is the smoke every summer that keeps me inside.
Due to the extreme heat during the summer of 2021 I was physically & mentally impacted, as my chronic stomach issues flared up because of the constant heat. I don't have access to A/C. Because of the consistent wildfire smoke I couldn't open the windows often so that my asthma wouldn't flare up.
Lived in the 2013 flood zone and was under a mandatory evacuation.
hail damage
- this summer heat dome and wildfire smoke forced us to buy an air conditioner for our condo
Mentally impacted by the extreme cold in the winter and the heavy smoke in the summer - can't go outside, the brain feels foggy, feeling sadness, gained weight.
this program is a waste of my tax dollars.
Hail damage wrote off two vehicles and regularly decimates garden. Extreme heat and smoke from wildfires kept me from biking to work for a significant portion of the summer. Climate related stress during major events along with low level constant stress the rest of the time impact quality of life.
During the 2013 flood I could not go to work downtown for a few days...
As a vulnerable senior I found the heat dome miserable and scary
Stranded in 2013 floods
Flood of 2013. Lost half of everything we owned. Financial cost was more than \$100,000. We received no help from provincial government...corruption, our file was lost. Have post traumatic stress from it. Only help we received was was the strangers who helped empty our home.
My home sustained significant hail damage in Calgary many years ago - siding and roof had to be replaced, shed destroyed...etc. Although living in Calgary in 2014, I worked in Airdrie, and my car was written off due to the the major hail storm in Airdrie.
Bad hail has stripped our roof shingles. My kids are young and we've had to shelter from smoke. Our bills spike when energy needed to mitigate extreme cold and heat come into play. That's stressful mentally and is an indirect loss of income.
Our neighbourhood is above the flood-prone river valley.
I live in the NW which is on a higher plain than the SW. Our income level allows us a bit more flexibility than others on lower incomes.
2017 wildfire smoke from the BC / WA State fires. Baby born that summer, plus a partner who is asthmatic , meant we stayed inside a lot, qulaity of life decreased
I'm very protected by my privileges - I live on a hill so the 2013 floods didn't impact me much. I'm also mid income so I can adjust to changing weather (pay for air conditioning, pay for repairs to car/house).
Depends on the event. Wildfire smoke slightly impacts my summer by reducing the time I can spend doing outside activities and raising stress and psychological impacts. Many people I know were severely impacted by the floods in 2013. I also have the wealth/privilege to protect myself from many impact



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Lucky that my property was not damaged and that my place of work was not impacted either.
Extreme heat last summer. Without an air conditioner it was unbearable. No one died in Calgary but hundreds died in BC and this has happened in Quebec too where many seniors died during heat waves.
I can't say severe yet when comparing myself to those whose homes were destroyed by the 2013 river flooding or the 2012 or 2021 hail storms but this will just get worse for all. I suffered through the summer 2021 heat dome but, again, can't say I was as severely affected as some.
Weather happens, and will always happen. I'm surprised that this is news, or needs some kind of program to accomodate.
I was in the Beltline during the flood although the waters never reached my apartment. I was mentally impacted due to the disruption of routine such as store closures, workplace relocations, and pollution from generators running to clean up the water.
In the 2013 floods I was not able to access my worksite for more than three weeks
hailstorm
Lucky not to be in the affected zone.
some damage to car
I had to evacuate my home during the 2013 flood.
The flooding a few years back, it was just stressful mostly since I live in Ogden so I was nearby but thankfully we didn't need to evacuate
The flood shut a lot of things down
The heat wave of last year was incredibly difficult to manage in a house without air conditioning. It required a lot of personal vigilance and effort to maintain livable indoor temperatures.
Anxiety inducing - especially knowing this will become something more frequent
I have lost money on house due to the overwhelming development and chance to the land
I've been fortunate that my home isn't in a flood zone or severe storm/hail damage area. However, climate instability & extreme temperatures in the past 10 years has led to vehicle & home expenses and has taken a toll on my physical (breathing issues with wildfire smoke) and mental health (anxiety).
Hailstorm end of June 2021. I live in the SE and my house had damage on the roof and siding. Still waiting for the repair.
In 2018 our condo building sustained hail damage that cost
Myself, nor any of our Family or friends I have spoken with have experienced any weather event that has not happened in the past. Calling a couple weeks of hot weather "extreme" is complete nonsense.
"Extreme cold" is not a listed category, but poses severe health risks to Calgarians, from school-aged children, to elderly and people experiencing homelessness.
Was on standby for evacuation during floods. Do not have AC, during heat dome, but did have a cool garage to live and work in.
Wildfire smoke - son with asthma. Couldn't do any of our normal activities, had to invest in a \$1000 air filter, keep all windows closed, keep him home from school. Scary, risky, and only going to get worse.
Wildfire smoke ruins our summers as it is not safe for husband to be out and active in it, same for extreme heat - mental impact. We can stay in and have AC, but others don't have AC or have to be out in the heat and smoke. The smoke gets inside when we turn on the AC.
Calgary is located near the Mountains in Canada, and because of this, the weather changes a lot...
During the heat wave this past summer (2021) I was working from home in a condo without A/C. Sourcing an A/C unit was not possible (\$\$ and availability). My condo faces North and is only on the second floor but the indoor temperature was often around 30C. It made it difficult to work and sleep.

Heatwave over the summer: 1) my home has no A/C, and even with open windows at night, etc, it was close to 39 C. Physical problems. 2) I couldn't escape the heat by going to a public place with A/C because of COVID risk. Mental problems. 3) Cost of even simple fan was high - financial impact.
Bow River 2013 - work from home
Hail damage to vehicles
The extreme heat event of 2021 mentally impacted me--the severity of it was a shock, and it was a shock to see trees and other plants damaged by the heat. My mental health was somewhat affected as I was basically trapped in my basement to stay cool. But at least I had a cool place to shelter.
2013 floods....my property wasn't impacted, but the hospital where I work was turned into an emergency centre
Flooding in 2013 impacted public transit which i rely on to get to work.
Financially due to energy bills
Hail damage to house and both vehicles.
Hail damage to house requiring \$20,000 in repairs.
Lucky enough to be in a part of the city where we were not physically impacted. Spent \$\$\$ on fixing a wet basement from prolonged rainfall. Heat dome reduced activity this past summer/affected ability to enjoy summer activities.
2011 Insurance pay out was \$22,000 due to hail damage. Every time it rains heavily for four days straight (as in 2013), I commiserate with those who were flooded and worry about my home on 6th Ave NW.
Roof collapse required moving out
Hail storm wrecked our roof, siding, dented our tool shed and shredded trees as well as blasted the paint off our fence.
When our baby was just born we were unable to leave the house or open the windows due to smoke from wildfires, 5 minutes with windows open and she'd start coughing. We didn't have AC so our house got up to 28C and we all slept in the basement.
During previous summers with wildfire smoke, our outdoor activities were severely limited to protect our children's lungs from permanent, cumulative damage. We have been lucky not to experience much damage due to flooding, hail or severe weather. Yet.
Condo building was flooded. Financial and emotional impact
There have not been extreme weather events outside of normal expectations.
Extreme heat this summer. I don't have air conditioning, luckily my basement stays cool but the main floor was very uncomfortable for several weeks.
Had damage to 2 large elm trees and have been pruning and caring for them trying to keep them over the last 5 years. Was out of power and furnace wouldn't restart. Was \$10000 and more. Insurance deductible is now very high... \$10000 for home. \$2000 for car
psychological distress, housing displaced people
Did not impact me personally..but caused problems in the city when the flooding of 2013.
2013 flood - evacuation, loss of power, flooding
2013 flood. Had to move out of my apartment for two months while infrastructure was repaired, lost income while downtown was shut down, increase in home insurance. Post traumatic feeling in the spring if heavy rain occurs.
Financially impacted due to damage to home from hail and snowfall. Physically impacted by heat.
Extreme heat and wildfire smoke in summer 2021 meant my wife and infant daughter stayed inside for most of a month. Now we are paying for a/c and air filtration to be installed
This is a waste of taxpayers dollars. City of Calgary are a bunch of useless morons
Hail damage to our newly purchased home



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Hail. I lived outside the destructive area but I didn't have a garage so my car still has slight damage
Summers without being able to outside to recreate for weeks at a time is tough in a part of the world with such long winters. Makes me question living here to be honest.
2013 floods. Stress - working at City at the time to aid recovery.
Hail damage to home and vehicles
The flood in 2013 was devastating to our city . We were not personally affected but know many who were as well as the city itself.
I don't live in a flood zone, or the hail areas. Able to stay home and be safe.
Extreme heat makes is scary as it demonstrates that climate change has happened and we are now dealing with the challenges with all the extreme weather.
I've been luck to not have been impacted as yet.
Heat Wave 2021 - increase in cooling cost (installation of AC, therefore negative impact to climate change)
Replaced roof after hail twice in one summer.
Hail damage to my car
Mountain Biking, Urban Cycling and Running are some of my chief forms of exercise for physical and mental health. Wildfire smoke and/or heat waves pose a serious threat to the ability to perform these activities and maintain my health in Calgary in the future.
Not living in the flood zone.
Financially impacted due to property (vehicle) damage.
hail damage to our roof
Impacted my ability to get to work. Fortunately I generally commute by bicycle so I was able to ride to work. Driving a car or taking c train to work would not have been possible.
The wildfires of 2021 impacted me severely due to the smoke and dangerous level of air quality. The heat dome of June 2021 were extremely difficult to handle.
I work from home 🏠 so weather has no impact
Hail damage to my house has caused considerable inconvenience and significant costs. It is also notable that insurance costs have increased substantially over the last 10 years, which is certainly understandable. Insurance companies have had to shell out a lot of money.
Extreme heat causing multiple bouts of heat exhaustion.
Wildfires- weeks inside, and my baby developed asthma
I feel concern and stress that our municipality is not doing enough to mitigate the impact of climate change and that our city is growing in the wrong way. I am concerned to see Council approving new communities that are energy intensive when our established area needs to be a planning priority.
Most Calgary residential buildings do not have central air, not a lot of outdoor shade from bigger trees, pavement overheating
Took me a week to bail all the water out of my basement (and the first few days were NON-stop, NO sleep --- which was the only way to make sure I didn't lose all the basement contents).
I am worried about driving during a severe storm, or tornado.
I have experienced hail and extreme heat and know friends who were directly impacted by the flood, but I coped well and dealt with relatively minor damage.
hail damage to property, some water damage from heavy rains,
Moved here after the 2013 flood, and so far have been lucky not to live in area affected by the hailstorms in previous years.





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I am fully aware of climate crisis science, having published academic papers, and followed the science over 15 years. I am extremely concerned about my 15 year old daughter's future, and embarrassed by this City's inaction. <a href="https://www.sciencedirect.com/science/article/abs/pii/S0959652617324976">https://www.sciencedirect.com/science/article/abs/pii/S0959652617324976</a>
during the floods there was displacement. Heat last summer was mostly an inconvenience but unpleasant.
House was above the floods but still was impacted cause the city shut down
Car damage
Was working an outdoor hourly-paid job during the 2013 floods. We were closed, lost income and had to factor that into my budgets. Was also working that same job during later years when wildfire smoke has become more common. Led to health issues, coughing, eye irritation, etc. Really hard to breathe
disruption in work to weather events/flooding, damage to property due to hail.
This past summer, the heat wave hit us quite badly (although nothing permanent) as we don't have AC. Additionally, we have suffered from hail damage in past years, which caused monetary damage.
2010 hailstorm my brand new car was very damaged. Current house has some minor hail damage. Smoke and heat in the summer are uncomfortable at best.
My house happened to not be impacted by the damage from weather events such as hail, or flooding.
Every summer the extreme heat is unbearable and its only getting worse. This makes me concerned for the future and impacts my mental health. Furthermore, I was impacted by the 2013 Calgary floods. I have a sense of solistalgia from the loss of the park that once was.
I live in the southeast.
Smoke from forest fires impacted my ability to breath. Vehicle damaged from hail.
The risk that poses the greatest threat to Calgarians is woke politicians wasting 10's of millions trying to play God. Focus on reduction pollution. Carbon is NOT a pollutant. It is the essence/building block of life. Moreover, CO2 sustains plant life, therefore all life. FFS..Idiots
I've not seen a big difference in the 40+ years of being an adult in this city
the 2021 heatwave was brutal, especially as a renter with no air conditioning. I had to rent a hotel room for my pet and I to get access to air conditioning. I've also lived in a basement suite hat has flooded due to extreme rainfall in the past two years.
Hail damage to our siding and roof needed to be fixed
At the time of the flood I was not living in Calgary. The heat is not critical to me as I tolerate it. The hail storm hit in other parts of Calgary
Insurance premiums increased
Trees / branches falling is Snowtember 2014
A climate change team was never discussed or mentioned as part of your platform. I am extremely disappointed you raised our taxes to pay for this. How many full time jobs on this? Meanwhile people are starving and freezing to death on the streets. Get focused.
Displaced from home during 2013 floods. Had to rebuild
I have not been hit with a hail storm or any major storm. EVER.
Both home & auto insurance rates & deductibles are high due to the young offenders act being introduced in the 1980's and not because of the climate. Young offenders are not held responsible for their actions with theft or break & enters and we all pay for it through our insurance.



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Hail has damaged my property more than a few times. Snow clearing obligations are problematic-can't always do in time required when I work away from home.
I don't have a car, I commute to work by cargo bike so deep snow stops easy and safe biking
I am concerned more with the ecological impact of such events than personal loss.
Lived in bowness during flood and sad evacuated but our apartment was undamaged.
Impacted due to displacement following the storm
I am very lucky. Never impacted by storms or the flood. Worst situation was losing electrical power after the Sept snowstorm when a nearby transformer failed.
I could not live in Calgary during the Firesmoke season owing to inability to breathe. Had to fly out and get a hotel with air conditioning. I also bought hepa filters for the house. Thousands of dollars. We are looking to move every summer.
Car was written off due to hail
Worry about roads and infrastructure. Stop with this climate change bs!!
There is no extreme weather.
Wildfire smoke caused many canceled plans, on the surface minor inconveniences but adding up to some strain on our family's wellbeing.
Stress due to being stranded with a power outage at work. Couldn't make it home due to flooding. Almost flooded my apartment. Flooded my friends down the road.
The smoke from the wildfires the last few years has been very hard to be outside during.
Where I live in Calgary; there is never a fear of flooding. I do however, drive in from Okotoks regularly and see the smog settling around Calgary. This is unsettling and air quality is a big concern.
wildfires created smoke that deteriorated the air we breathe
I wasn't physically or financially impacted due to the big hail storm that hit the NE last summer, but it was definitely a shock to see the damage.
smoke from fires making summer oppressive when it should be the best time to be out of doors.
This is nor a thing
Very minor hail damage - not severe enough for insurance claim though. The Heat Dome was brutal this year. My house temperature floated between 28 to 32 and I was constantly managing fans and windows for airflow.
Adapting to the situation reduces perceived impact. People need to be more resourceful and resilient.
My home has only had minor hail damage (so far)
Coudn't move my vehicle after heavy snowfall. I had to shovel the street and with my bad back & knees, it was not easy. Hail damaged my vehicle & canopy. It's scary driving under tree branches in the rain. It's mentally stressful to think of how things will escalate after witnessing the BC floods.
not impacted at all but you city overpaid slackoffs making 100 000 a yr dont care
We live in the NW which is in a higher area than the SW so the 2013 flood impacted the lower region of the city the most.
during the flooding that closed downtown I temporarily lost power, etc. Many friends in my neighbourhood (I have since moved) were displaced and ended up staying with me.... it was very cozy
With the heat last summer and the forest fire smoke I experienced some health issues that are exacerbated by pollution and heat. I stayed in our house with the windows closed but it was difficult after a few days
Sad about the 100 year event flood, Calgary is getting too unaffordable to live here
Property damage due to large hail



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STOP THIS RIDICULOUS WASTE OF OUR TAX DOLLARS. TRY RUNNING THE CITY BY REDUCING COSTS, REDUCING TAXES, NOTHING YOU DO WILL CHANGE THE WORLD. STOP WASTING OUR MONEY.
A micro-burst (rain event) neighbour experienced flooding in basement window wells, we were able to pump window wells out
Born and raised in Calgary have not noticed climate change at all. Calgary has always always had crazy weather. Normal to go from -20 to 10 in 24 hours
Hail damage to my vehicle.
the extreme heat and wildfire smoke this summer was borderline unbearable. It was disheartening to know that the next summers and summers after that are likely to be worse.
Climate change has been happening since the beginning of time. City hall farts into the wind won't stop it.
Significant house impact from hail storm; stress from wildfires in Fort McMurray due to work; stress from Calgary region floods; health impacts from smoke and stress from BC wildfires and heatwaves
During the 2021 Extreme Heat event, living without air conditioning was challenging. Lack of tree shade on city streets makes getting about as a pedestrian more difficult.
During the big hailstorm last summer my basement flooded, my roof had to be replaced, and we still need to re-do the patio since the foundations were washed out
During the heat dome of 2021 we stayed indoors during the afternoons, limited our activities and slept in the basement.
Extreme hail cause car and home damage. Due to the age of the vehicle it was deemed unrepairable and we lost collision coverage.
Extreme bad air quality because of forest fires has severely limited my outdoor activities for 3 out of 5 of the last summers
I live in an older badly-insulated home with no air-conditioning. Extreme heat is difficult. I live on a hill, so river flooding only impacts me if I need to go downtown.
I do not live on a flood plain like Calgarians along the Bow and Elbow River. Many of those homes are owned by rich people. I have only had hail damage to my travel trailer on June 13, 2020 and have lived in Calgary since 1989.
Smoke season is a severe impact on me; I cannot escape the smoke and particulate whether in indoor or outdoor spaces; also, I rely on active mode transport to move around Calgary, so my lungs are inhaling particulate deeply and in greater volume than if I were sedentary.
Property damage and stress
Heat dome reduced time spent outside and made us consider purchasing an air conditioner
Our house sustained over \$31k in damage and our cars both sustained over \$10k in damage due to 2021 hail storm. Also drought this year caused a much higher water bill to keep things green!
Hail damage
More impacted by BC wildfire smoke.
The fires in BC create enough smoke it's hard to be outside at all. The heatwave last summer almost made our house unbearable. We were fortunate to find a portable AC unit. We ran it 24/7 to be able to stay in our house.
During the flood my house was high enough that it didn't get flooded. However we did have to replace our roof and siding during a hail storm and our whole neighborhood did too. I also worry about tornados now, from our crazy hot summers we never used to have.
Doesn't happen often. Used to it for the past 50 years.
I have anxiety about severe weather sometimes



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Extreme amounts of wildfire smoke and extreme heat have forced me and my wife to feel dizzy and out of breath for 3 years straight. We've had to change our plans in major ways because of it.
Decreased ability to go outside due to extreme heat.
Extreme weather events are part of nature. Your survey forces one to name extreme events with the impression that the respondents agrees that they are a major concern.
A summer hailstorm that was intense but because the hail was only pellet sized, windows were not broken; also a severe snowfall last December made it a bit challenging driving around getting food
Got some hail damage on my car
Heavy snowfall is the most Relivent Climate events in Calgary followed by Hail.- Snow removal from the roads impacts the most people , Hail impacts a lot of people when it happens
My workplace had to move to an alternate location.
Nothing in Calgary is anything different than what I have experienced since 1974 when I moved here
As a city transit operator we were at high stress beforehand (relocate our buses from Vic Park) during (trying to be supportive to customers trying to get there) after I think it was post flood that the train bridge and derailment in Inglewood happened.
Hail damage to vehicle/ home. Inconvenient but no big deal.
We get all sorts here due to our location, build properly in an appropriate place and you will be fine.
Wildfire smoke and heatwave and drought happened in 2021 but i personally did not experience direct effects other than dread and anxiety. Climate change is ruining my mental health.
The worst weather event in recent history was the 2013 floods, which didn't impact me. Other parts of the planet may be experiencing the severe effects of climate change, but Calgary isn't one of them
My health is affected by smoke
The heat wave this summer meant that a lot more water was needed for our garden, and we used an air conditioner for the first time which meant higher electrical cost as well. 2013 floods directly impacted the neighbourhood as well
You can't control the weather and most calgary and aren't interested in you wasting our tax dollar in an attempt.
Extreme heat and extreme storm events have caused minor health impacts and property damages. These impacts will compound is they occur over the long term
It got hot, it got cold, the earth kept spinning
Wildfire smoke during the summers is becoming unbearable. My daughter and I have asthma and it's a huge trigger.
During the floods of 2013 the heavy rainfall caused some flooding in our basement.
Flood 2013
I couldn't cook in my house for a week this summer because it was too hot. My vegetable garden has been destroyed several times due to hail, or heavy rain.
No A.c in rental.
In the 2013 flood, I didn't live in an area that was directly affected but the ripple effects (school, transportation) still affected me. More importantly, I had some friends who lived in Discovery Ridge who had to relocate and whose houses were damaged.
I am a responsible adult who has proper insurance and prepares for seasonal weather.
We experienced hail that damaged my home and vehicle, fortunately we have insurance to cover most of the cost.
Car was written off due to hail damage once
Slope erosion after 2013 flood caused us to have to stabilize our house.
Smoke from fires and heat. Installed air conditioning so that we could keep windows closed.



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floods caused issues for everyone and wildfires in BC and USA only cause air quality issues
n/a
I came here last year
Hail damage to vehicle and home siding. Impassable roads due to heavy snow and broken tree branches.
Severe snow fall,
I live in a tiny old house in Westmount. We had no water in our basement but many neighbors did and we were evacuated. We never lost power.
Hail damage to my home.
Last wicked hailstorm wrecked my roof and garden. Wildfire smoke has been brutal at times over last few years.
Having to have two different vehicles repaired due to hail damage.
Hail damaged car. Hail is normal.
Evacuation during flood
We were evacuated in the 2013 flood. As it is a know once in a 100 year event, I don't attribute it to "climate change". The damage that did occur is due to the city ignoring recommendation given to them on the 70's regarding this very predictable event. Spending taxpayer \$ to try and fix it is dumb
How about spending money on things that actually matter and no waste it on stupid climate change BS.
The most impactful extreme weather event to me was the big flood. I had to relocate from my home for a few days but there was no property damage.
I don't live in a flood zone.
Hail damage to roof and vehicle
When I think extreme weather events I start thinking about food security and all the very real threats climate change events pose. The impacts of extreme weather events go far beyond the acute issue of fixing hail damage to the generational thinking that is required to structure cities differently
Ended up with some ground water seepage into our basement from the 2013 flood
Health and well-being impacts of heavy smoke from wildfires (e.g., having to reduce physical activity and active transport, effects on breathing), quality of life impacts from extreme heat (having to stay indoors, etc.)
Flooding, snow storms couldn't drive safe. Mentally I've been very effected by climate change and I am extremely fearful of what the future looks like if we continue to fail to act and make significant changes
the heat wave last summer was so bad. i could barely work at home since we do not have AC. i am so worried that this is only going to get worse. my family had to buy fans, spray bottles, i rubbed ice all over my body at night, we slept on the floor in the basement to stay cool.
Severe hail did damage to home; insurance repairs took time. During 2013 Calgary floods ability to access work was compromised & added additional stress to work day.
The 2013 flood and not being able to get to my office
Got bashed pretty bad by hail when walking home one time a couple years ago.
why did the worlds most angry mayor Gondek leave calgary during a pandemic and her climate emergency, ever hear of zoom? waste of tax payer money



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I do not believe we are in a climate emergency. I agree that climate is changing, but it is not an emergency
Migraines due to wildfire smoke every summer
Damage to property and personal and financial stress.
House was not flooded.
I was not financially impacted but several neighbours were. My impact was stress and emotional, related to the impact to my neighbours, friends and other citizens.
It's just the start of the impact in Calgary but eventually it will lead to extreme weather patterns.
The smoke from wildfires has reduced my physical ability to participate in sports, hikes, etc.
Impact was from high taxes that could be controlled by acting like a private company and cut wages, pensions and non urgent services/work
Calgary has had extreme weather events all my life, none have impacted me.
Extreme Heat caused headache and fever
I live in a higher altitude so water is not an issue but snow is. the impact thus far has been temporary.
Fortunately I have not been physically or financially impacted by extreme weather. But I am extremely concerned about climate change, and am worried about what this will mean for Calgary's future (particularly water security)
Hail destroy my car house because of that my insurance went up
Poor air quality due to wildfires. Inclined to stay indoors more, get less exercise, psychological stress.
Extreme cold and heat impact everyone. Extreme storms impact everyone. I have not experienced property damage or physical injury, but I've experienced psychological distress. How do I quantify that?
Several hail storms. Had to redo my roof and siding. Now purchased a home with a rubber hail-resistant roof for peace of mind.
Weather has been volatile for over 2000 years and man has adapted to uncontrollable weather phenomenon.
Smoke from wildfires becoming an annual occurrence. Irritates the eyes and lungs.
2013 floods - home nor business located in flood area but slightly impacted by short term road closures etc. Wildfires - Smoke and air quality have had impacts on activities and health
The only impact on climate change to myself has been the useless carbon tax, which I know is out of municipal scope. Sure I believe climate is changing, but I don't believe all the "end is near" extremism.
hail damaged my roof, flooding impacted my wife's workplace downtown
Property damage (insured)
Smoke from wildfires has been increasingly problematic to outdoor activity, and we have had flooding and hail damage from some of the more extreme storms.
2013 floods forced us to close our business for a few days because it was not accessible, and the power grid was down. Floods of this magnitude are rare. I think severe thunder storms causing hail and flood damage are still the biggest concern for Calgary.
I have had hail damage to my roof but cost was mostly covered by insurance. I was also unable to work out of my office for months after the flood in 2013.
Stormwater overflow, could not access front of property
We had trees snap in our back yard during Snowtember, difficulty navigating the city. My employer is in the downtown core and we worked from home for several months after the 2013 floods.



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Rainfall freeze cycle burst a pipe in my apartment building and the leak froze in an ice mound due to extreme winter temperatures. Had my car been located where it was underneath the building canopy, it would have been trapped under the frozen mound.
During the flood in 2013 (I think) the downtown offices were closed so I had days off from work.
the heat greatly affects my bloodpressure
We were evacuated from our house during the 2013 floods, but likely no damage to our building occurred and we had family to stay with in another part of town. The smoke from wildlife fires has been a larger concern and seems to occur almost every year for large parts of summer.
had to put up friends and family because there house was flooded
Climate events are natural occurrences and part of living on this planet. The planet and climate have been changing for billions of years and all life must adapt to it.
Mildly uncomfortable for several days during heat wave
Heat dome of June 2021: my condo recorded 24/7 temperatures of about 33° with open windows and balcony (keeping the blinds, windows and balcony closed during the daytime was even worse, as I live on the uppermost floor and the roof acts like the lid of a dutch oven).
Heavy snowfall, poor driving conditions, travel cancelled.
The river flooding of 2013 impacted where I live (I live in downtown)
Extreme heat wave during the summer of 2021 caused fatigue, dizziness, lack of focus for work, inability to use sun exposed areas in my house. At the same time I was experiencing shortness of breath and other respiratory issues because of the wildfire smoke that lingered for weeks.
I am nervous about the overall impact to extreme weather events, and what kind of world we are leaving for our younger generations. I haven't been directly impacted, but I can see how severe weather is impacting all around us.
Slight hail damage. But nothing to do with Climate change had hail storms since I was a child.
I worry about river flooding and that we could have an issue like what BC is experiencing now. I don't think enough has been done to mitigate flooding along the Bow River even though we have had almost a decade to work on it. ie. There will be no flood barrier along Bowness.
During the summer the extreme heat was very hard to bare while living in a condo. I got the afternoon heat and my unit was heating up to 40C! I had to buy an AC which are expensive and not everyone can afford it. They are also noisy. Condo designers should plant more trees for west facing units
Power loss due to snow
hail damage to car.
Heatwave/wildfires 2021: Financially - self employed small fitness business: students cant attend due to heat, hard to exercise in heat and smoke Personally: family and I cannot sleep, or perform our daily tasks well due to heat and smoke, lots of stress
Bad air quality in the summer months, paired with extreme heat, affected my ability to cool off in my home (can't open windows) and my ability to go for a walk for stress relief (air advisories)





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## Question 3a

*To what extent do you agree or disagree with the statements below that describe your ability to recover from the impacts of an extreme weather event such as home repairs, vehicle repairs/replacements, mental health, and/or employment disruption?*

Rating questions. No verbatim comments.

## Question 3b

*Please explain:*

Retired and financially secure. Concern for others, especially future generations
The air quality problems caused by wildfires and the heat of the last two summers have made it hard for my family to go outdoors which has negatively affected our mental health.
We are retired and live on a fixed income so recovering from the damage of an extreme weather event would be difficult.
We walk to school.
We are lucky to be financially stable enough to deal with some of the effects on our property due to extreme weather, but dealing with these impacts is very stressful and time-consuming.
Work from home so as long as I am somewhere with wifi I will be able to work now.
I am a born and raised calgarian and am more resilient than to be stopped by weather to attend to certain daily activities.
You have lumped all hazards together. Sounds like you are trying to bias the responses in favour of doing more to subsidize people who live in floodplains.
I am retired and a homeowner who has had to pay for home and vehicle repairs, and recover from mental health challenges and personal disruptions from extreme weather events due to climate change.
I am retired and well insured. However I assume I could experience mental strain if I directly experienced a severe weather event.
I'm retired
My employment would not be disrupted by an extreme weather event and we live a block away from school
I am a retired person. We have good insurance (I think). I think we'd be ok financially as long as our insurance covers damage.
N/a
We already experienced this and these answers reflect not only my projection of future experiences but also my lived experience.
I am retired
It would be impacted
My biggest concerns are not about my financial risk but rather the damage to our planet and the mental stress and worry that these weather events highlight.
My husband and I are retired.





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Climate change isn't a light switch that is either on/off. We're seeing hotter summers and colder winters already. We're already affected by severe weather through higher grocery prices, seniors dying. A major wild fire like what happened in Colorado would devastate and disrupt Calgarians.
We live close to our school and not in areas with extreme weather events yet
I think the back-to-back disasters of the past few years (floods! Fires! Heat some! Smoke! Hail!) have shown us that we're all vulnerable to climate change and it's only going to get worse.
Difficulty driving and accessing transit
Children are in post-secondary and no longer live at home, but they would be impacted
Some depends on the duration, how long the power is out and air quality/temperatures and thus my ability to get supplies.
condos are not cut and dry as we are responsible for damaged done to other units if we are at fault so the question if someone else is responsible is debatable as well our condo fees go up to address costs as we have not as much control a private landlord for the contractor.
N/A for a couple of items on financial challenges as it would depend on the event (e.g. complete destruction by a tornado vs extra expense from a hail storm). Now retired so school and income earning are also N/A.
Money is tight but doable. Losing or having one's house majorly impacted messes with a lot
We have house and home insurance, however, if we have damages from an extreme weather event in the future, it will be stressful and will take time to repair. There may be additional costs to fix any damages. We should be able to pay for the fixes unless events become very frequent.
The smoke during the summer in Calgary restricts my life. I also hate that we allow backyard fires when it's already so dry and hard to breath.
I'm unsure what a situation would be like where an extreme weather event affects my place of residence since I'm a renter. However, it's still a concern that it could financially impact me and my mental health as well. Climate change in general creates anxiety for me.
this is such a waste of tax payers dollars!
We could afford minor repairs, but would have to budget carefully, and may need to spread them over time.
Well this is a very loaded survey. More like a creating artificial support for a decision already made.
No flood mitigation has been done since 2013, only flood resiliency for the City. The resiliency done was to improve City infrastructure which were not previously done with our tax money but they used flood mitigation money. I have not felt save living in our home since 2013. No one cares about us.
The financial impact would be significant, but I would not be left broke. Certainly, losing a car again would be a real blow as the insurance I would receive (as was the case in 2014) will not cover replacement cost. I would probably chose not to replace or fix some things.
I am 75, retired, on fixed (but sufficient income), and live a simple and frugal lifestyle.
We have some savings, decent credit, and I'm walking dittance to work / work from home, which mitigates some of the negative effects of extreme weather events.
I have an office job so I would be impacted (as everyone will be) but will probably be able to adjust more easily than others.

I have one adult child in university in Calgary but he doesn't live at home so am not sure whether to consider him in answering this question. An extreme weather event could cause disruption at the U of C and its ability to deliver classes, though.
These seem like extreme/inflated questions. Are you expecting a hurricane?
I am not in school and my children are no longer school-age
no need to explain
na
Studies by experts show that extreme weather events are no more prevalent now than they have been in the past.
Studying in Uni
Weather is unlikely to have a material impacts on anything social or psychological. Purely financial.
The majority of houses are not built to function properly in the extreme weather conditions we're facing more regularly due to climate change. Poor insulation, poor materials, poor design.
Would very much depend on the nature of the extreme event. All would have varying degrees of impact both financially and mentally
The fact that there us no school's being built in new nabourhoods if my car got damaged by a hail storm my kids would have no transportation to school, the yellow school bus us just way to expensive 300-400\$ per child a year.
My monthly housing expenses (mortgage, insurance, taxes, condo fees) are so high that additional climate-driven expenses could have serious economic consequences affecting whether I could retain ownership of my home.
My son is attending school online because of the pandemic. It could be disrupted if the weather event caused outages, for example.
Financially, my family is reasonably self-sufficient, but the health effects of intense wildfire smoke and heat waves are causing anxiety and stress.
With the exception of the 2013 flood (which has happened before and was not an EXTREME Weather event as it was the result of a "perfect storm" of regularly occurring weather ( ie heavy snow in mountains, mild spring and heavy rain) I have not been impacted.
The most significant complication or disruption to my family's productivity and safety attributable to extreme weather is extreme cold, generally experienced for 2-3 weeks per year. Temperature below -20C poses risks to my home, and makes commuting to work/school moderately to very dangerous.
At some point in the future, I expect insurance to stop offering coverage for certain events in certain risk areas.
See above. Son with severe asthma. Smoke and even the excessive dryness of extreme heat, also increased pollen loads of stressed and suffering plants
We have 2 vehicles and one is not insured for damage I'm not sure our home insurance would cover all kinds of damage
We live in Calgary, it's located in Canada(a Northern Country) next to the Mountains, because of this fact, the weather changes a lot..
I rent a unit in a condo building and have tenants insurance that cover my belongings up to a certain level. This is only applicable in certain disasters/weather events. Does not cover things like flooding. It does not cover the cost of relocating during or after an event.

-
I interpreted "rebuilding my home" to mean demolishing my home and building a new one. This would indeed cause financial shock, and the environmental impact of the waste/use of resources would probably be considerable. I am, however, open to (and am taking steps toward) modifications (e.g., solar).
All Calgarians are impacted by extreme weather events....some more so than others
Insurance is not reliable. More often it is impossible to get insurance from extreme events and water damage. It took two years to get a payout as they wanted me to accept a repair that would make my property less resilient. In fact, it took 8 yrs to find someone to properly repair & ↑ resilience.
Retired, no school age kids
If extreme weather disrupted internet I would not be able to do my job.
While we have insurance, we do not have endless savings to tap into for repairs. And we would love to do more to reduce our footprint but again are limited financially.
I think you could do better with this question... worded awkwardly. Recommend making into 3 questions... car insurance, home insurance and tenant insurance. It wasn't clear what applied to me.
I'm now retired, so no income loss. But as I age, I worry about dealing with extreme heat. Condo board repairs roof leaks, basement infrastructure damage due to flood, but then our condo fees increase.
Fortunate to have some financial resources for minor to moderate repairs, however the stress would be high due to responsibilities of caring for disabled family member, and supporting a multi-generational family under 1 roof.
No kids of school age yet
There is no climate emergency you clowns. Our mayor is a [moron]
I just bought a house and have unexpected expenses. I have funds to cover the minimum of everything right now and that's about it.
We have insurance, but still owe a lot on the mortgage/line of credit. We could not afford major repairs not covered.
Sometimes buses don't run in deep snow. City doesn't clear side streets.
Not sure what answer you want me to explain.
N/A
I am a renter and therefore do not have a straightforward path to implementing energy efficiency and clean energy retrofits to my house.
I always plan for the rainy days.
<ul style="list-style-type: none"> <li>- I am insured (home and vehicle), though after the cost of deductible it is unlikely that I could afford any repairs not covered by insurance.</li> <li>- Vehicle insurance does not cover hail damage.</li> </ul>
I am now retired so it would not impact ability to work. I might have difficulty recovering financially from extreme weather event.
The impact of climate change would be financially difficult because significant home repairs would have to be made on a yearly basis. Disruptions to school and the dangerous level of air quality would lead to significant mental and physical health issues.
No kids yet



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Damages to my house and or cars are something that I have regularly contemplated and fall under the category of the vicissitudes of life and property ownership.
If it really is extreme we'd keep them home
I'm a SENIOR on a fixed income, and there's a LIMIT to how much I could "replace" or "repair". Re mental health --- it's a dumb question? People only have two choices when disaster strikes: one is to cry and whine; the other is to grow a pair and MOVE ON. Guess which camp I'm in???
I am very fortunate that I am retired and have a comfortable income. We own our home and can afford repairs and relatively minor renovations if there is damage.
Adaptation is highly irrelevant without mitigation. No brainer. Carry out some very basic research on a 3C world. Sad.
Currently a renter, working and going to school simultaneously. I have enough in the bank to cover personal emergencies but probably not enough to cover a catastrophe.
Extreme weather does often disrupt transportation and is can be devastating to lives to have to do repairs and transportation.
The impact would halt work or school if transit to locations is down, like the flood shutting downtown due to high water level.
Get the [removed] out of our lives. I am responsible for myself, as should every other citizen.
No kids. Home owner
n/a
We own a house but rent it out and live in another rented property. Our budget is tight, but not so restrictive that we couldn't afford some repairs
How would you get there? Are schools still open? This question needs more information. Did the hypothetical weather event impact roads, transits, or damage schools?
Please quit wasting our tax dollars on this. Quit raising my tax dollars. Charge people more for throwing out more garbage and wasting water. Don't spend time researching how we can fix climate change in Calgary. Put in subsidies for allowing grey water collecting and use.
I am not worried about a weather event. Let's concentrate on getting people back to work and not have 10 idle people on every job the city does.
I rely on Transit and walking to get around. In extreme weather events this will likely not be an option. As a result I would not have the same financial gain and be less able to attend school.
Very few Calgarian can afford flood damage and I question why the city approve permits for the new arena and homes to be built on flood plains?
We don't have a car so we would have to walk to the nearest grocery store and to work/school
This depends on the event. The school is close and walkable and our works in hospital are stable so we would still take our child. If the school was destroyed or power cut or teachers unable to get there I guess not. Everything depends on the nature of the event
I do not have children
My school is in a hail tornado zone
Stay in your lane as city councillors!



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I take transit.
I have never been physically impacted or had any belongings effected by climate change.
I am retired and have savings
Not sure why you are prioritizing extreme weather events. Drought could severely damage the ag sector and create rationing in the city. This is not about helping families and stuff, the city needs to be about addressing the root causes and building up supports and plan B and plan C for disasters.
"Extreme" weather events are not a threat
Any extreme weather that causes damage where insurance and/or out of pocket funds is required is going to be a brutal time.
Due to the pandemic we have moved to online work/school so we could accommodate being displaced
why should taxpayers pay for private replacement...
I don't have any school-age children and have a reasonable retirement income. However, all the questions you've posed suggest people simply view this problem at the personal individual letter. We're talking about climate change here so let's be realistic.
what's to explain
We are seniors on pensions. While we have financial resources for what we anticipated in our retirement unanticipated expenses could be difficult to cover.
The siding used on homes in Calgary is useless when it comes to hail - and Alberta is the hail capital of the whole country. It should not be used at all.
self-evident
Calgary never closes in an extreme weather event. Born and raised here. Weather does not stop a true Calgarian... bs
In 50 years, I have never experienced a weather event that has severely impacted my life. The most has been thunder storms or heavy snow which knock out the power. However this is usually fixed within hours and not a severe impact.
explain what?
Like almost all previous species on earth it is inevitable that man / women /peoplekind will also become extinct. City hall can't stop the inevitable. The real issue is the world is overpopulated.
Risk from climate impacts are one of my highest concerns for my family's well being. Fires, extereme weather, drought etc. all can impact our physical and mental health, ability to work, and finances.
Insurance covers only so much. Insurance premiums need to be more affordable.
I own my home, I maintain it, I have saved my money and I have insurance just in case.
My "vehicle" is a bicycle, and it's insured, and I could replace it. My partner and I own an apartment-style condo, and our home is insured. I work at a public College with vast online delivery capability and remote work capability, so we would be resilient against most severe climate events.
My life is impacted more by rising taxes, inflation and carbon tax.
I'm a teacher, make decent cash, but would be stretched if I had to do major repairs
All of these questions point to issues that are outside of the scope of the city counsel mandate
It can be dangerous to travel to school in severe weather



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Your questions are useless. It is driving the point that extreme weather events affect people. No one argues that. I feel you are just trying to influence a survey to have people agree with you.
we are seniors and we rent an apartment with good managers who take care of issues
Extreme weather events will have very little impact on myself or my family. The biggest Impact is Rising costs of Property taxes - and Insurance costs.
I've been told, since grade school that there was a climate emergency on the horizon Extreme weather events happen less often now, than they did when I was growing up here
Retired
Mostly inconvenience. Of course if damage was bad enough it could get expensive but now because of financial ability but because of value.
These questions are a bit silly, especially the last one, the answer entirely depends on what type of event it was.
I don't own my property and I live on a hillside but I do have an uncovered parking space I make only 16\$ an hour
There is no climate emergency in Calgary.
Abstract Speculation is a poor way to form policy. None of the above can have concrete answers due to the vast difference in potential events caused by Mother Nature (not calgarians)
This is a poorly written survey without N/A options.
The impacts of climate change, when compared to natural events, are greatly over exaggerated.
Snow storms in the winter can make the roads too dangerous to drive on.
Single mom. Can only seem to find part time job. I'm barely making meets end. Prices b food are going up.
Whether I would be working online or in-person during an extreme weather event, my ability to access work (either internet or transportation) would likely be affected at minimum. Depending on the event I would likely mentally struggle as well.
I do not live beyond my means.
I don't go to school or have children
Due to covid, our household is lower than it has been in the past and we are stretched and would not be able to cover extra expenses.
n/a
Weather perils
This is a waste of my time. You aren't addressing anything here!
No child at home
I work in a school across the river. In 2013 all the bridges had been closed.
Not bothered by the lack of weather events here.
The City can not change the weather. You are simply wasting money to pat yourself on the back while accomplishing nothing. Consider losing at the science of how climate works.
How about concentrating on downtown and all the empty buildings.
Main impacts would be financial, replacement or repair of property or content damage.



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I don't understand half these questions. "My home repairs are managed by someone else..." if I own is it disagree, strongly disagree, or n/a? Most of these feel vague and looking for an agreement with an existing goal. "An extreme weather event... mental health" maybe? which type of event?
I am financially stable. Biggest challenge would not be finances but logistics - if I lose child care how could I deal with the impacts of an event while managing work and part time school.
an extreme weather impact affects my mental health. i'm young, and i already feel like my life expectancy might be shorter due to climate change. i get severe anxiety due to this, and have decided the most selfless thing to do is to not have children.
The main issue with repairs post extreme weather events is being able to secure both the labor & materials required to affect necessary repairs in a timely manner. Depending on the nature of the event access to the building site might be compromised.
I no longer own property and have no intention of ever owning property again in a leftist country and now a province that keeps moving to the left let alone our new leftist socialist / communist mayor
I do not own property. I am a renter, but the cost of rent is more expensive than it was when I moved to Calgary. I also have pets, which limits my ability to find a place. Extreme weather could damage property that I rent and force my family out, which would hurt us.
why did the worlds most angry mayor Gondek leave calgary during a pandemic and her climate emergency, ever hear of zoom? waste of tax payer money
The questions are misleading.
I do have certain savings and income to help recovery , but I know any other people do not. Serious weather events do not affect everybody equally, and I feel like it is unfair to assume everyone has the same ability to recover from an event
I am a student and I don't think I will survive it good . I have climate anxiety .
In this case I am hypothesizing about fire, hail, extreme weather.
You're are making people guess and directing them to answer negatively/buy in the Nenshi 2.0 climate emergency nonsense. Stop the nonsense, start supporting oil and gas. No need to higher 18 people - waste of money. All this = higher taxes and higher cost of living .
Do not attend school.
Overall, severe weather events affect everyone.
Weather has been volatile for over 2000 years and the person who is able to be nimble and adapt will survive.
My wife and I are currently employed and make a nice living. Based on past events and where we live, I don't believe an extreme weather event could completely up end our lives. However, a huge wildfire that burned much of the city or impacted water supply could.
Please, the world is not coming to an end. If you're that worried, please go sit in your safe spot and talk to me when you have a level head.
At no point in 44 years of life have I been impacted significantly by an "extreme weather event".
Mainly impact daily routine and access to school/work if transportation/roads affected



Most severe weather events are localized (eg. northeast Calgary hail storm). Large scale flooding like 2013 impacts everyone. The pandemic has also enabled society to work from home more so business disruptions could be minimized. Disasters affect the poor the most.
depending on the nature of the event there could be a huge impact. My youngest son has had field trips and recess cancelled due to wildfire smoke in the air - this is having a huge impact on kids mental health and physical health.
Working remotely removes the commute that would be affected by extreme weather, so long as my flat itself is intact (in the flood zone however). Financially, I have not planned for extreme weather events, and as a resident of a condo I'm subject to the decisions of others, no backup.
I have no children
I have a very hard time in high heat situations and smoke from B.C.
We live outside the mapped floodway and we picked housing that was cheaper than we could have afforded to leave us with extra money to save for unexpected expenses as climate, weather, and economic patterns are not as reliable anymore.
Again all life on earth must adapt to survive weather events and climate change that is natural and occurred for billions of years
As I do not live in a flood zone, the effects of meteorology events are limited to me
My only income is OAS. I own my condo unit, truck and motorcycles. I have insurance, but I do not know if I would be covered in climate events. I could not afford to rebuild, but the condo insurance would cover the building, but not my upgrades. My insurance covers about 2 months of interim housing.
It would be hard for me to recover from another flood like the one in 2013
I have insurance to cover losses, but costs outside of that, I would not be able to afford. It would be extremely stressful and it would affect my mental health if an extreme weather event caused damage to property and possessions.
There is a need for an upstream reservoir along the Bow. This will help protect from floods and drought. I think it should be a major priority...yet it's been 10 years since the last flood and Governments are dragging their heels.
Sometimes even the deductible is very high
Infrastructure breakdown due to a potential extreme weather event may obstruct transportation
Margins are tight due to the pandemic, however I believe that if we invest money now for climate change and I'm personally willing to make that investment despite what little amount I have
I'm in a relatively privileged position, in that I have a good paying job and no debt, no mortgage. However, not everyone is in this position. Climate events disrupt my mental health and I worry about the future.





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## Question 4a

Other?

Financial and other programs for improving home insulation and/or switching to carbon neutral heating
Climate action
Having landowners in floodplains be responsible to insure themselves against flood damage and to pay for the costs of any flood protection they benefit from.
Quality, reliable and timely building inspections by qualified inspectors
Reduce the extreme weather. Take climate change seriously. Stop the problem before it happens.
In emergency distress that it is accessible information for people in minority groups such as English as a second language, Deaf, hard of hearing blind etc
We have to do it all.
Improved building codes to build more resilient and environmentally friendly homes would be helpful.
More stringent standards for solar panel installation that partners with Enmax
Update the building code!
how we build buildings is the most important thing - new buildings have to have the highest standards and have to be net zero
The City should lead the way with public buildings which are net-zero, including affordable housing. Planned warming/cooling centres throughout the city are essential. Retrofit programs must be available for multi-unit housing and businesses. Heat pumps.
Possibility Coaching for all; it covers Emotional and mental territories. <a href="https://possibilitycoaches.mystrikingly.com/">https://possibilitycoaches.mystrikingly.com/</a>
Affordable home insurance for persons living 125% below Federal poverty line and capped insurance
Higher building standards and/or zoning would help lower impacts and expense. Buildings that are closely spaced using highly flammable or easily destroyed materials or built on a flood plain have been a problem.
Subsidies or loan programs for things like solar panels, batteries, and making condo buildings more resilient
Multi family homes being able to access grants for upgrades for sustainability and resilience
Stop subsidizing cars
programs for small condos like ours (under 20 units) to make climate upgrades like solar panels and heating/cooling improvements
More action from the City
Wow.... calgary council needs to be replaced
I'm limited as to what I can do because my age and the houses age means that the house will be knocked down when I can no longer manage (age 84)
Stop subsidizing people building in flood plains.
All new buildings in our City should be energy efficient, off the grid. We need to prevent further calamities.
Urban reforestation, heat mitigation, and creek daylighting/natural controls, esp in lower income neighbourhoods.
While it's helpful to ask about residences, my living in the city expands my interest in what the city does to improve this urban space in which I live.
Investment in urban densification, a robust public transit system, just-transition advocacy from HOAs.



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Plan resilient (low carbon) communities. Development and building permits approved with climate change in mind. Reducing high water-use plants and ground cover (lawns and city property).
Factoring resilience into planning and development permitting.
Education and incentives for landscaping and gardening that support environmental goals.
BC has tax credits for environmental improvements to homes from some municipalities
1. Ghg reduction incentives such as free or reserved parking for EVs (with and without charging) and property tax credits for home upgrades 2. restrict new building in places at risk of severe climate change impact such as near rivers, reduce city sprawl
I don't require any resources. I have been able to adapt. I replaced shingles with hail resistant and that seems to be it.
Upgrade stormwater basins
solar panel rebates from the city of Calgary
None of the above have much relevance to extreme weather events.
Policies that protect people seeking insurance to be denied for reasons like living an area that might be impacted
Waste Heat Recovery pipes should be a required part of building code for new builds going forward. Also, there should be more third spaces like Libraries where people can go for free to cool off or warm up.
The builders build homes with the cheapest materials and do a [removed] job, concerning you buy a home for 500000 dollars this is obscene, like I said before we need to prevent climate change by not over buildings in every farmers field and destroying it
None - this is a waste of money. NO taxpayer money to pay for people to fix their own homes or do repairs.... BUY insurance
Safer and more accessible transportation.
I would ask that we start creating a fund for help for marginalized.
increased planting programs for trees, keep greening as much as possible
None of these. They all just will increase my property taxes further
A significant reduction of emissions, allowing only resilient and zero emission buildings /homes to be built, more vegetation to reduce urban heat and water run off,
We should do a test during the coldest weeks of the year and see how many people can survive without Fossil Fuels
Decarbonization of ENMAX, supports for micro-generation, EV charging stations, heat-pumps standard in homes, passive buildings
Rules about removal of mature trees on redeveloped residential properties
CoC need to incentivize citizens to make homes more efficient (eg reduce the extra charges on an electricity bill when solar installed)
Financing programs for condos not just single detached homes AND bicycle program and infrastructure
If you need the city to prepare you are in trouble
Proper seeding on clouds formations that hold high amounts of moisture....prevent hail
N/A
Programs to reduce human-related causes of climate change.
Aligning city goals to ↓ global warming as per IEA, IPCC, COP26 is imperative. That means electrification of Enmax with clean renewable energy. Nothing else is adequate. It means counting scope 1,2,3 emissions and identifying real targets.



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Next roof we replace will be rubber shakes.
Also HVAC standards to address air pollution (double bonus for airborne pathogen control!)
Nothing from government at any level. Government action is politically motivated, is more costly, and an absolute waste of time and resources.
I think many people would improve their homes, if there were financial incentives to do so, whether low interest loans, or tax incentives.
decarbonize enmax
Get that Springbank dam built!!
You know what we need is to get rid of the clowns at city hall
Free transit to limit carbon footprint
The biggest barrier is likely cost. We need simple programs that can be easily implemented with fewer hoops to jump through.
Heat Pumps: 1. Contractor education is key. As more Calgarians look to install air conditioning units it is critical that these air conditioners also be able to function as heat pumps. The city can pay the difference between AC and eq heat pump.
Idk 🤔
I don't need gov support other than lower taxes
I would like to understand more about how city growth (e.g. new communities) impact resources at the city and our ability to respond to climate change. Are we funding and managing growth in a sustainable way?
I believe there's more I could do, but not sure what would work for me and our home. It would be wonderful to have consultants available who could visit our home and provide suggestions and give us some direction.
Better community design to make areas more self reliant and resilient
Upgrade existing buildings ... or DO something else ... actually DO something, in place of your blah blah blah
make substantive improvements to our climate procedure so we don't have to prepare for climate emergencies and instead avoid them
There are not enough service providers. It took months to get a home energy audit.
Natural infrastructure programs and incentives. More trees. Shade for extreme heat, and natural flood buffer.
#1 No more propaganda #2 no critical race theory or gender studies #3 No way #4 GTFO #5 maybe #6 ok #7 maybe if economical
Nobody voted for this climate platform.
None of the above. I would like the city to save my tax money and not use it on a fake climate emergency.
We need cooling and warming stations for people. We need hepa filters for the poor.
You are waisting our property tax dollars!!
More focus on urban intesification. Too many new communities are planned sprawling out calgarians.
A community garden and orchard in every neighborhood.
City to have stricter guidelines for new builds, encourage solar panels, ensure solar panels is protected from other new builds. encourage natural grass boulevards, for every tree displaced, must add two new trees
return the cap on insurance premiums. very important
Wasting our tax payers money was not an option.
I really like the "Higher building standards" option as well as the incentive/rebate programs for upgrades.



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We need more weatherproof building materials, but not at a high premium. Building standards that don't allow cheap quality materials may help lower the cost of more durable materials by eliminating the market for the low quality goods
not the city's business to do this. are we a communist country where the govt owns it all
Why can't the city adopt climate resilience/adaptation processes in its various programs -- from its infrastructure approaches to its transit to its parks and its other permitting initiatives.
Stop using vinyl siding on homes. It is useless in hail.
Clear the snow once it fall on the road it will be safer for everyone
Bahaha this is Calgary are you new?
Support from utility companies to fix and maintain essential services
Build bomb shelters for everyone or maybe an ark for a 2.
Focus not just on adaptation but mitigation is important. Building standards should include lower carbon mandates.
More awareness is needed as to how to help Calgarians be ready for extreme weather. Insurance industry need to be more flexible and have more options or low to moderate income.
I support incentives and rebate programs and think they should be highest for low income people.
I live in East Village, and my building was not hooked up to the District Energy Centre, which would spare GHGs comparative to current heating. I assume cost played a role. The City should work with developers to prevent this from happening again.
Continue Urban tree program
Why is the city not planting thousands of trees? Why is the city still funding double pensions and golden handshakes when they could be using our ever increasing tax revenue to make real impacts.
Do not waste money on projects that do not have clear and direct positive impact to society. Avoid projects that are geared towards the promotion of a political ideology.
do not build in high risk areas and/or have stronger enforcement of standards
Lower taxes so I can better afford to look after myself
Support for community building efforts before the crisis happens
Less Taxes
Paying lower taxes so I can put my money where I want to.
None of the above.
Education about greenhouse gases emissions from cattle animals and how to reduce meat consumption.
Public housing that is built to withstand extreme weather events
I do not expect government to cover things that should be handled by an individual.
Invest in community based solutions. IE solar power on community buildings, cooling areas (i.e. install air conditioning in community centres), plant trees, more regulation on impervious surface (i.e. don't let people pave their backyards for patios)
F your dumb subsidize BS. STOP the [removed]
EAT THE RICH
Hail seeding to mitigate the risk of hail damage
Stop building in flood plains, or build homes near water on stilts.
The City needs to offer incentives or grants for homeowners to improve their homes.
Reduce taxes (your spending) so I have cash available to deal with these events.



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Not sure about what type of natural disaster you're asking about.
Enforcing existing building standards
CLIMATE CHANGE POLICY CHANGES!!!!
i do not want money to pay for this. i want actual change done to the system to avoid climate change. i want carbon tax, more funding into LRTs. these are all bandaid solutions. i'm tired of it.
Less government involvement
City resiliency and emergency preparedness.
Lower taxes so we can save would be number 1
None
Policy changes that actually make moves on GHG reductions, and demand developers to build using climate action and mitigation strategies.
The city should not be using hard earned tax dollars to subsidize anything listed above. Socialism sounds wonderful ad long as you are not the one paying for it.
None of the above. But I am disgusted that my property taxes are being used to pay for someone else's roof. If you bought a house, you should also have YOUR OWN MEANS to maintain it.
Lower property taxes.
Supports should not come via tax increases. Governments (municipal and provincial) should enable supports but not drive them.
All of th above.
It only let me select one option. Because calgary is seeing lots of new homes and redevelopment, improve the building standards, then add some incentives for renos
Frankly, asking people which are the worst risks, and how people are most affected is redundant and a bit pointless. The statistics from Env. Canada and the Insurance industry can quickly tell us/you where to dedicate resources.
all answers are relevant, there is one thing, what about more green ( trees, bushes, grasses )
Legal requirements for realtors to inform people buying homes if they are in a mapped floodway.
Higher building standards, enhanced contractor training
Government cash and grants to seniors to cover 100% of improvement upgrades to retrofit existing residences to sustainability, to repair any damages that occur due to natural disasters and proactive disaster safeguards.
All of the above!
We are we building houses 8' apart. o with Climate emergency.
Flood mitigation along the Bow needs to be a larger priority. Look at BC. They had time to prepare but Government agencies didn't do enough.
All of the above are great ideas. Financial support for low income calgarians who cannot afford green alternatives. And more green building standards for all sites and neighbourhoods.
Prevent urban sprawl, ration gas

## Question 4b

*Please explain:*

Landowners in floodplains need to be responsible for the costs of their lifestyle choices. Incentives should only be used to improve the energy efficiency of homes.
I would particularly like to see higher building standards. Resilient roofs make sense, and I'm sure there are more improvements to mitigate the effects of extreme weather. Siding comes to mind, having seen the damage to vinyl siding in the NE hailstorm
Tradesmen often do what's convenient or less expensive for them rather than considering other options such as upgraded insulation, more fire resistant siding, triple glazed windows. Our knowing the options and their relative costs and effect would help.
Our condo has experienced deficiencies that our board and residents doubt were ever properly inspected
It's important that houses are properly built and built to standards that recognize the impact of extreme climate events. This will be more and more common. Our tradespeople and building codes need to catch up.
The City needs to promote the federal government undertaking swift and transformative action to get residences off natural gas and onto solar heat pumps. This should not be put on citizens without substantial rebates and discounts.
When doing our due diligence on finding someone to install solar panels on our home, we found the contractors suggested by Enmax lacking.
We're still paying off last year's hailstorm, and with frozen public-sector wages and inflation, it feels like we'll never be able to afford energy efficiency upgrades to our home. We'd like to do more, but without incentives/subsidies, it's out of reach
Buildings are one of our largest sources of emissions. Vulnerable Calgarians must be protected.
I'm not a homeowner and I'm a minimalist. People having what they need mentally and emotionally first will prevent a lot of problems and empower people to take responsibility for themselves more effectively
We all lose when not all of us can afford insurance yet the oversight of insurance and insurance scams is challenging.
Not just natural disasters but also human emergencies (e.g. building fires).
More supports for multi family condo buildings
Please get rid of free parking please do subsidize transit and please prioritize cycling and pedestrian infrastructure.
Higher building standards can include: mandating A/C in residential buildings for equal access for all Calgarians, greener policies for building construction, strong buildings
My rental property leaks water when it rains, and loses so much heat when it is cold due to poor thermal bridging. I have to pay extra for utilities for renting a poor performance home. Hold landlords to a higher standard.
My income should not be looked at as endless tax coffers to politicians
The city keeps pushing development in plains along the bow and elbow river such as the east village, west village , stampede park, Victoria park, Inglewood elbow park and bowness
In addition buildings should not be disposable, they should be built to last. The current high rises are built to fail in 40 years. The materials to rebuild after 40 years is a climate burden for planet earth.
The higher building standards and the means to improve my own building is huge for me. I support carbon tax but am still afraid of the impact of volatile energy or prices grinding steadily up but cost to avoid that by renos, solar is out of reach. Help!





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we need less reliance on just-in-time supply chains, less reliance on personal vehicles, more neighbourhood co-operative efforts.
I believe that the above supports and resources should focus on mitigation first, adaptation second.
The above resources and programs need to focus on mitigation of greenhouse gas emissions in addition to extreme weather preparedness. This is perhaps even more important in the short term.
Native plants that survive, low maintenance and low watering needs, add to urban canopy, attract pollinators, provide shade, don't require mowing, edible, etc
Advertise and educate about the proven climate emergency and the need for everyone to step up and do their part in any way they can. Do not be afraid of the resulting oil & gas lobby and rhetoric. As a 30 year industry veteran, I know we were all warned.
I am not planning to build to support a hurricane.
This would help mitigate the effects of major storms
we don't need TALK TALK TALK, we need rebates for home solar panels
Studies by experts show that solar flares are the leading cause of extreme weather events.
I read in the news somewhere that insurance companies are staring to not cover climate related problems
Leave the market alone. It is not the job of the city to do these things. A free society is predicated on freedom to choose. Do not choose for anyone. These programs all sound great. But there is ALWAYS a cost and the Unintended consequences are...
Be careful that the money spent on climate action within the city don't just pad the pockets of homeowners. Climate action must build equity. Make transit fare-free.
Implement that all home builders only build fully sustainable homes in a eco friendly manner that would prevent further climate change as opposed to putting a bandaid on the mess you already made.
Developers and builders in Calgary are getting a free ride because of weak building standards, and Calgarians are subject to enormous costs to upgrade their homes to be more efficient and resilient to extremes.
Safe and accessible roads and public transportation is critical to making Calgary a more liveable city.
I can get by, some can't.
eg. lost a tree on city part of my property - called, very friendly response that they would call me back in one year for a tree to be planted in two years??? We need to plant more carbon sinks NOW!!
We need to do a lot more than we are doing.
I would love a 0%/low interest loan from the City, that would be great!
More than consumers turning off their LED bulbs when leaving rooms or stockpiling TP, we need systemic improvements to energy generation, manufacturing/consumerism, heating & transport.
-
It's too late for me, because the two 50-year-old spruce trees shading my home have already been removed to make way for a very large home, but trees are shown to greatly mitigate urban climate impacts. Strict rules about tree removal are needed.
Condos and apartments are usually left out AND allowing rowhouses everywhere and cycling infrastructure are crucial
Higher building standards and quality of materials would reduce costly repairs.
We need higher building standards, and a much much faster shift to net-zero and passive homes. I am not sure why the standards can't change rapidly and get everyone on board with it. Same applies to solar, it is like EnMax/government doesn't actually want



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Protect water sources, reduce water usage/lawns, educate population on why this is imperative.
Clear targets and measures will help us all cooperate. Re insurance, the deductible doesn't matter as much as the breadth coverage.
Anything to ease the financial burden for transitioning to better preparedness for extreme weather events would be beneficial, but increasing building standards is also key.
See above!
These are the resources that would be personally useful, however I strongly support the other items, especially subsidies for low-income families to improve their resilience to climate impacts.
Not a fan of incentives or rebates as they tend to go to wealthier people who can already afford the reno (like me) and would do it anyways. Better to demand higher standards from builders from the start
The city CEO should be canned
Education about what is available, and rebates/discounts to make improvements affordable.
Insurance costs are too high. I'd love to see more incentives for better built and isolated houses and money for solar.
Improved building codes to build for resiliency and distributed energy.
I hear many stories of contractors steering customers away from heat pumps. The city needs to weigh in on this. All air conditioners going forward should be capable of functioning as air sourced heat pumps that can also heat homes in moderate cold.
All of these ideas are going to be needed if we are going reach all Calgarians
I think that it's important to educate calgarians about the risk of climate change and the financial and health impact of severe weather events
Well I would want to know how the burden of climate change be distributed among the economic classes
Since home builders always look for the cheapest ways to build houses and employ a lot of very unskilled people, it is no surprise that houses are almost always built to a minimum standard with the cheapest materials and labour costs
Higher building standards should come provincially. CoC already can't handle NECB issues - please don't try to take on more without committing significant resources. We are not Vancouver.
Building standards need to improve so it's the norm to be resilient to climate change
Though we could afford a fee for such consultants, I know many people who either couldn't afford to pay or would be reluctant to put out money up front. If the City is serious about getting buy in, it would be best to hire skilled folks who could do this
Infrastructure is not resilient, any disruption touches all aspects of living. More community based resources and systems and building construction considerations. More natural buffer zones for water runoff and trees to buffer hail etc.
I can calculate a 2020 CO2 carbon target having been achieved based on these. Why couldn't the City ? Sad. Get buildings OFF the provincial fossil fuel fired power grid.
Flooding, frozen pipes, and being snowed in are often a team effort to understand how to prepare and recover from bad situations. Also it appears that materials are important when it comes to resiliency.
The best actions address mitigation and adaptation and those should be the focus. Heat pumps, exterior siding replace WITH additional insulation, roof mounted solar PV
Not much can be done to prevent a weather event, just preparedness is probably enough.
Nobody voted for taxes to go up and money to be wasted.
As per above





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We all need to prepare for high temperatures in summer, more demand for ac. I would like to improve my double paned windows to triple paned windows to keep the heat and cold out
All of the above make sense
Building standards in Alberta are too low.
Limit the new construction on greenfield areas and focus on builing up and improvimg existimg structures
There is too much red tape for these gardens. We have been waiting in Cranston for over a year for approval. People need food, something to do outside for mental health, and something to bring people together instead of tear them apart.
City must institute city guidelines for new developments that reduce carbon emissions, promote the environment, enhance urban forestry
This is a waste of tax money
Compared to Ontario, Alberta does a poor job clearing the roads of snow and it's dangerous for drivers
not applicable, my home is on high ground and I already installed a concreter tile roof
See above
Power, water, natural gas are essential services for everyone. Next is fire department, police and emergency services. This is where the city should focus for emergencies.
Implement a tax on politicians (crooks)!
We are accountable for reducing emissions and building standards can focus on the City of Calgary's largest emissions source.
Programs are needed for seniors and those with disabilities to make modifications.
a program for low-cost interventions for people with a fixed income that do not want to take out loans
I don't think my tax dollars should go to middle/high income people for subsidies. I don't think it is the responsibility of City Hall to give loans or insurance.
Higher building standards can mitigate against a lot of GHG release. For instance, balconies are a heat dispenser, which can be avoided by the use of different material. Floor to ceiling windows make no sense due to heat loss.
Reduce heat island effect
If the heatwaves continue we will need to reinsulate the house. Our furnace is also very old so will likely need replacement
Overspending leads to higher taxes which leads to people losing their homes. That to me is a bigger threat than climate change.
often laws on the books are not enforced or big money is not held accountable
When a municiple government oversteps its authority, the province should revoke it's municipal status
Emergency preparedness at the community level. I have not heard of that here..(Bridgeland))
Green building technology exists and we are doing a disservice to ourselves by not implementing simple passive energy saving techniques- such as the reflective and absorbing properties of materials.
There is no climate change emergency in Calgary. Stop trying to justify a tax raise
Low cost financing of energy efficient upgrades for homes and businesses, and grants for the same would be an effective incentive - combined with effective communication.
You have increased taxes so much, it's irresponsible to ignore your detrimental impact on average calgary an finances.
Consider why there isn't a market for "higher building standards" because people would rather have a home that they can afford to buy than not have one at all.



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The impacts of climate change, when compared to natural events, are greatly over exaggerated.
Increase vegetable and reduce cattle farms
This would protect those who are the most vulnerable
I do not expect government to cover things that should be handled by an individual. Personal responsibility.
Disappointed in choices provided. Need more natural solutions and community solutions not ones that benefit a few individuals or businesses.
make sure houses are built properly FFS. That is the cities job
n/a
Use better exterior building materials (hail). Stop building homes so close together (fire)
The City is making the financial impact of severe weather worse by constantly raising taxes.
There are no specifics here about which type of natural disaster you are looking to help with.
Building standards are critical. Our biggest concerns is learning that new construction was not done up to basic codes and expectations that already exist despite having passed city inspections, let alone making higher building standards.
We need productive policy changes to help this issue before our kids are left with a unlivable world
stop using technology to fix something. we need to make actual changes to our system and live more sustainably. it's about balancing SOCIAL ECOLOGICAL AND ECONOMIC. tired of profits over people. i want change. i
All the suggested support/resources would be of use to the majority of residents.
The support required is to provide education on true climate change data and this has nothing to do with the City of Calgary; Focus on other business matters ie how to attract business to Calgary and re-fill the downtown
The government is over reaching
Improve infrastructure for disaster mitigation and recovery.
Extreme weather events are going to happen. Preparedness is the only tool we have. Equitable programs for home upgrades are our best tool for keeping the most people and homes safe, while also creating jobs.
I think to some extent we need all the aspects
If you stop wasting money and lower taxes people have more money to eat, spend and save.
I think this would be a waste of tax dollars better spent elsewhere.
While I'm willing to do my part, my impact as an individual only goes so far; introducing changes to the building industry I believe will have a larger impact overall.
Helping citizens be prepared in the event of a climate disaster is different from preventing climate disasters
We need to do all that we can to prepare for climate change's impacts on our lives.
It is not a municipal governments responsibility to fund programs that have minimal impact for their citizens.
All are good ideas but must be led at the policy and building industry levels.
Lower property taxes would leave me more money to upgrade my home.
This is all about managing risk. Protection for a higher level of risk costs money. There is a balance to be struck between risk mitigation and cost. In all aspects of life, some level of risk has to be accepted.
Incentives for homeowners to protect themselves, onus on builders to protect their new builds
Higher building standards protect more people than those that are familiar with buildings and construction. We are behind other provinces in our adoption of technologies that have been in place for decades.
Shade = Cool, and Plants = Capturing carbon ( see soil rejuvenation )



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Most people do not even know this data is available and should be informed and have to sign something saying they accept this risk and realtors often lie or dismiss questions about this (see recent CBC story investigating this).
Higher standards create more resilient and more long-term affordability. Radio buttons in question do not allow SATA
If I knew better, I would not have bought a condo in the floodplain
Many of us live from paycheck to paycheck and have no emergency fund so the city should step in and support us in the events of emergencies.
Knowing what I could do to be more prepared would be helpful
We are we building houses 8' apart. Any fire causes too much damage to two or more homes. Nothing to do with Climate emergency.
Build a reservoir along the Bow. 30 years is too long to wait.
The fact is that homes are built from lumber and cheap siding which are prone to hail damage is a problem. Building from concrete or brick can reduce the heat inside the homes and make them cooler during heatwaves
See: Japan during the great earthquake. Buildings built with extreme weather in mind are less or non affected by said extreme weather
Again I believe in investing in green solutions now to keep our climate warming below 1.5°C. I do not believe in carrying on “business-as-usual” and then trying to provide reactionary disaster relief
We need to be a leader in transforming the way we live.

## Question 5

*Where do you believe most greenhouse gas emissions come from in Calgary? Please select one.*

*Other:*

Animal agriculture is the leading cause of climate change. Calgary's vegan population is growing but we need more people do what's right for the earth and the animals
Not applicable! This is crazy!
We're lead to believe items are being recycled yet most end up in land fills. In a city with over a million people, landfills contain an enormous amount of waste and require venting to release gas emissions.
It's not a problem the city should be concerning itself with!!
Our greenhouse gases is acceptable. We need to heat our homes and drive . Too cold not use our clean natural resources
Nothing it's all bull
China burning coal, India, Chinese factories in Africa
China, India, other third world country that Canada can't control
Fuch off
City hall in private meetings. Too much BS in the room spilling out onto city streets.
We should be increasing our greenhouse gas emissions, as they are directly correlated to wealth
Air travel
Government vehicles idling



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City council members and their big heads
Don't know. Shouldn't that be an option.
Cattle/Cattle industries
your [removed]
People, the 1.4 million here, breathing. But this is negated by the some billion trees in canada.
the cities emissions are not even measurable on a global scale.
I'm not sure how to answer this. All may be contributing factors, as well as other sources. They also may not contribute to the natural disasters you are asking about (snowfall, flood, etc.)
Methane from animal husbandry around the city; Why doesn't anyone consider that!?
not enough greenhouse gas here in Calgary
Pointing fingers is unhelpful. They all contribute.
"Transportation" meaning private vehicle mobility.
Power generation
Greenhouses
Naturally occurring water vapor
Both industry/transportation

## Question 6a

What barriers do you experience in taking personal climate action? A list of some climate action is listed [here](#).

Other:

I have done many of the minor actions suggested (LED bulbs, draft proofing, adjusting thermostat, etc) but installing solar is too expensive for the return and retrofitting the building envelope is too hard
I don't know whether my 100 year old home can go much further (semi-efficient furnace, new windows, new roof...)
There is no 200amp service to many homes
Solar is an expensive investment
Governments not acting fast enough.
Solar heating not an option for the design of our home. Heat pumps not useful when electricity supply is generated by coal or even gas.
I live in a condo, and some of the climate change actions I would personally take are not condo board priorities, or too expensive for the majority of owners.
There need to be incentives for businesses (restaurants, boutiques) and food producers (oat and pulse growers) who take action against animal agriculture.
Home improvements are not the only way to take action.
To allow us to have wood burning stove, wood fireplaces, collection of rain water to filter, to have solar panel on all homes in Calgary more renewal able resources as well to have eco garden for all homes (permaculture)
A plan in which costs for expensive changes can passed on to new home owner.



# Climate Strategy Update

What We Heard: Verbatim  
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If I saw serious action being taken by governments I would be more apt to believe individual action would make a difference.
I need systemic change to support my individual actions: bike lanes as transportation, not only recreation, reliable transit, prioritizing pedestrians. Trades are not educated about net-zero and passive construction. Building codes don't go far enough.
I've been healing my Mental blocks/disempowering memetics and emotional reactivity: inner barriers
Waste diversion Dale Hodges Park is a way to speak to benefits of protecting our floodways wetlands. We need low-impact development of flood ways to maintain water supply, pressure to deforest along water corridors leaves us vulnerable.
Better safe cycling infrastructure and a more robust inner city public transportation network.
Sufficient Transit service. Cycle tracks. Pedestrian safety.
Condos have zero incentive do any green upgrades. I would love to see requires upgrades and grants or loans
We have installed solar panels this past year. It would be nice to get a rebate from the city but we felt that we should try to be influencers so went ahead anyways. We are buying an electric car and we bike or take the CTrain frequently.
I am doing all I can in my home and my community
Calgary is a city that is designed and built around people having a car. More frequent transit and better cycling infrastructure would allow me to leave my car at home and start to lower my level of carbon emissions.
I work a lot and time gets in the way. e.g. I would ride my bike more and take the bus more often if I had more time
Institutions such as the city government need to put the focus on climate action.
This is such a waste of tax dollars
time to do the research and make a plan (between jobs, kids and basic responsibilities).
See 4a above
How can we upgrade when no flood mitigation has been Don. I mentioned in 2014 at a community meeting that I will be dead before flood mitigation is completed. I am now 80 years old. I am on fixed income. I cannot afford to make a mistake with fixed income
Separating out tape from cardboard and paper is an issue for me - very labour intensive. I would like to know of better ways to be able to recycle paper and cardboard. Also, glues that make labels easier to soak off bottles would be a welcome innovation
I am afraid of being attacked by people who see these things as a personal attack against them and our oil and gas heritage. I wish we could change that conversation. I look at our "town fathers", and I wonder, 'are you going to hate me for wanting this?
I can do little to affect change without formal systems of support from government.
I don't feel like I have a say/control over the things that have an significant impact on climate change (building codes, planning communities))
I don't fully understand cost benefit - for example cost of new windows vs heat bill savings. Or cost of watering my lawn vs putting in alternative ground cover; daily cost of commuting by car vs transit
Neighbours and fellow citizens who frown on electric vehicle ownership. Try to make it "not cool" so that the average "follower" delays taking personal climate action.
We are already doing a reasonable amount to reduce pollution. Improved house insulation/windows, fuel efficient vehicles.
reduce triclosan in soaps
please provide homeowners financial assistance for solar panels

Manufacturing and disposal of some types of personal climate goods are too harmful to the environment.
It's more it feels there's only so much I can do sometimes before like the responsibility is on industry and law makers to make the necessary changes
We need less building of cheap unaffordable homes, we need to consider the future of the environment
Focus on what a municipal government is suppose to do...infrastructure, parks, police and fire.... stop VIRTUE SIGNALLING
I take action for reducing my impact on climate change.
some limitations with city regulations impair greening my home
It is -30 or lower right now. I am thankful my high efficiency natural gas furnace is keeping me alive and warm.
I like the loan/property tax idea. I would like the schemes to include more aspects, such as water capture.
Hard to motivate when still subsidizing O&G with my taxes and cannot safely or conveniently travel using public transit around city full of oblivious plague-carriers
Decarbonize enmax. Improve transportation alternatives like transit and cycling
I need to know more about options that provide significant positive impacts.
Transit
Need more safe and separated cycling infrastructure
Literally nothing I do will have an impact
Weather is cyclical. I do not agree with a lot of the climate change 'science'. It's a poor man's tax.
Most tradesmen do not know how to do something different. And most steer the conversation and options to the 'same old' and what they know best (same old/what they sell).
I am in a privileged position that I can afford mitigate my climate footprint, and do so, but I believe personal responsibility is a red herring perpetuated by industry to avoid doing thier part.
We have made small changes to our home and daily lives to reduce our impact but need to do more to improve our home - heat pumps, solar panels, replace windows.
We have looked at geothermal energy and cost was going to be \$125000 to dig the well. Then we looked at solar panels and could only do 20% of iur energy costs.
need better transit options--biking, train improvements, need to replace old furnace with heat pump in rental
I do not shower every day, I compost, recycle, buy second hand clothing, use public transport, buy very little, am vegetarian, and only eat a bit of cheese, use only a few low watt light bulbs. What the heck else can I do???
Some items too difficult to retrofit in older home.
What a stupid survey!
I've done a lot but would do more if it was financially supported
Transportation is the second largest contributor, home heating is the third
I want to do more, but often the climate friendly action is more costly. We bought a Prius to reduce emissions and that cost a bit more, but we happy with the decision. We contemplated buying an electric car but felt we would get it next time.
Calgary is known as a oil and gas town. Will my neighbours be angry if I buy an electric vehicle or put solar on my roof?
Electric vehicle charging options for those without access to home charging
I taken actions (rooftop solar panels and electric cars) but I would like to see my neighbours take the similar actions which I don't see. I think that making it financially easier would help them make them take actions.
Why can't we use more of nuclear ☢ and natural gas for the transition period





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I am likely one of the greenest people in Calgary. I keep my house rather cooler than most people, I have planted almost 50 trees and shrubs in my yard which uses lost of CO2, and I drive as little as possible.
There is no reliable green grid and electrification isn't a greener option
I do what I can in my daily life but the majority of GHG emissions come from industry. More regulations should be put into place and enforced for industry. Climate change should not be put on the shoulders of individuals.
I was recycling when it wasn't cool. And my couch was purchased in 1969. I don't replace things that aren't broken or worn out or "done" -- and one of my pet peeves is "planned obsolescence".
The options available are poorly designed and do not truly address primary challenges. There is also the difficulty in finding trustworthy and well-qualified contractors so the risk doesn't seem worth it at this time for the minor gain I would experience
Given that the oil and gas industry is one of the main polluters, I disagree that only everyday people should take personal climate action.
Harper did this in 2008. Incentivize building upgrades. Like this MacEwan home. Insulation!!!!!!!!!!!!!! Heard of Insulation Britain ? <a href="https://www.youtube.com/watch?v=Qa_OWDPxrl">https://www.youtube.com/watch?v=Qa_OWDPxrl</a>
The insufficient bike and transit infrastructure.
I think the government should take preventative climate action.
There is no climate emergency - let's not waste money on this!
I would like to make my home more resilient to climate change beyond what I have already done, solar panels on roof in 2020, upgraded attic vapor barrier, insulation, heating ducts,
There aren't that many communal ways other than small personal choices that i feel can make a big impact, like government regulations on industries and individual actions.
live in a condo
I see all the massive city trucks idling, a city with the Roads budget as no 2 biggest and I don't see a commitment to reducing fossil fuel by the city. We can't get a pedestrian bridge in our community over a freeway.
All new builds should have solar installed and geothermal if possible.
They need to understand how they are contributing. Doing is important but how much are they contributing and what's the cost to do it. Is there a payback for them?
This is a garage question
I've done some on the list already. I suppose costs would be a big one. I recently had to replace an old ~1995, 80% efficiency furnace (now I have a 98%). I received two quotes, similar in pricing, and it was quite costly.
It's ridiculous to expect calgarians to stop driving cars when countries like China and Indonesia pump greenhouse gases into the atmosphere.
I have done more than most, but wish I could do even more
i dont make 100 000 a yr in a cushy city job with your massive pensions at 55
Again, your questions are at the individual/personal level. While I may not experience many barriers myself, there are many other barriers-- structural, organizational-- that impede taking more effective action.
Stop destroying our Energy sector and jobs
I come from a third wold country this is the least of people's concern, people need jobs
Anthropogenic climate change is a hoax
Have not experienced any odd weather being a born and bread calgarian
I need to heat my house, turn on the lights, and drive my vehicle to get places. There are no other viable options to live in Canada.

Its tough to remain motivated to make personal changes because functionally speaking, my individual choices will not have a noticeable impact on mitigating climate change
I've done nothing and dont give a rats [removed] about climate change idiocy.
Incentives for increasing renewables (like rooftop solar & storage), energy efficiency, EV adoption would all assist with GHG reduction for existing buildings. Building standards are a key lever for new.
As a renter, I have limited input on the decisions made in my building.
There needs to be more municipal work towards educating residents.
I take actions that reduce my costs of living like losing the thermostat.
I don't drive much as I work from home - BUT...
Barrier - feeling like not enough
Reducing consumption and I turn reducing waste is very important and only then we can make a difference as a society.
Nothing Canada does could make a meaningful impact on global ghg and emissions
In the past, government incentives have helped us to get our first hybrid vehicle and do energy-reducing home improvements
there is too much focus on top down instead of bottom up actions eg keep global temperatures below 1.5 celsius instead of learning how to eat to support carbon capture food production
I am a single Parent. but make \$70k a year by working 60 hours a week to keep a roof over my head and my sons.
I go out of my way to increase the wealth of myself and my community
I try to take transit but the 1/2 hour between buses makes it difficult to reach appts
THERE IS NO CLIMATE EMERGENCY!!!
Any “climate action” a calgary an claims to take is useless on the grand scheme of global pollution.
Why would you ask where I believe the most emissions come from? Just tell me!
The current building code means that a number of the climate action adaptations are on the individual owner/tenant. Extra money put into these actions are not adequately reflected in home valuations
Eth fees are too high to buy KLIMA a blockchain carbon credit permanent offset that increases price of carbon credits
Promote Vegan and Vegetarian foods. Reduce consumption of non Vegetarian foods. Example increase cost of beef.
I think that more should be done by governments to lead the way and support personal climate action
This is not a responsibility of a municipal government.
Higher building standards and easy to understand guides on city website how to follow them
It is inconvenient, slow, and weather prohibitive to bike or transit take action like alternative transportation
Need community actions and fix community buildings/ power etc first.
dumb people in power now
n/a
Oil corporations are actively causing climate change and profiting off of it. Nothing will be solved while they continue to operate.
It is irrelevant.
It is not possible for the city to affect the climate. Replacing coal with LNG and one plant in china can make a difference. You are barking up the wrong tree.





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Not sure what type of natural disaster you're asking about
That this is looked at as something that can be solved on an individual basis and it can't
I alone cannot have meaningful impact to climate change- the government MUST act as well
i don't know what i can do.
I am one small person who will hardly make a difference when it is large corporations such as Oil and Gas companies that bleed our planet dry.
Not an emergency, just a government ploy to gain more taxpayer funding
I feel companies should be required to bear the majority of the burden
Policies and land use planning incentivizes automobile use.
Personal climate action is way more than that. Reducing meat, reduce and reuse items. Keeping your thermostat at low setting in the winter, even though you are cold, using less water. .The list is long.
Perhaps the mayor and councillors stop all air travel and take city transit to work like others! And cut services and tax. We live in Calgary and fact of life need to hear our homes!
The occurring weather changes do to the GSM are not a Climate Emergency and the City should not be fear mongering.
Language barriers to education about what can be done/available.
I've taken many actions, but I want to take many more.
It is something that I choose not to embrace
I have already done some things to take action
Sunk costs/infrastructure lock-in
I find it laughable that Alberta is one of the only provinces/states without an energy efficiency program.
I do not want to be told what to do by government. Climate change has become too politicized. Action should be based on proving the cause, providing realistic solutions/actions, and making the case to the public. I will not accept social engineering.
I would love to do my windows - too expensive. Keeping the old furnace until it dies because - expensive to replace. We have done some small improvements (weather stripping) but big ones wait.
We are not experiencing a climate emergency-especially in Calgary!
ROI on some actions is very poor if not negative, due to home age and location (heavily shaded)
Inconvenience
Personal climate action makes such a small difference. Our country needs to move to nuclear and educate themselves on the best practices from a world standard to avoid lost time and money.
I use energy efficiently as it is cost effective for our family. However climate has always changed and goes in cycles. CO2 makes up a tiny amount of our atmosphere and is essential to life. Humans are not the main source of CO2 emissions, the planet is.
I am a senior living on OAS: I cannot take out a loan that I have no means to pay back. OAS does not cover 100% of my monthly living costs. I do not have air conditioning and I keep the thermostat at 18° in winter. I need a lot of dental work (bridges).
I was actively involved in trying to get a barrier up in Bowness, but myself and science lost to the political influence of riverfront property owners.
It is expensive and the most discussed options are poor at best
Doesn't seem like personal choice can save us. We need systemic change which requires bold leadership



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## Question 6b

Please explain:

The cost of installing 200amp service is very high for communities with underground 100amp service and is a major barrier to electrification for us
Governments can find the money to pay to meet the goal of net-zero. The way revenue is raised must be evaluated and made equitable both in terms of protecting the vulnerable and generating revenue from people's wastefulness and high-consumption lifestyles
I have already taken action to upgrade my house to reduce its energy consumption. I would be willing to take more action, but am not clear about the most cost-effective options. For things like installing solar, some financial incentives would help.
I would look at solar assist for my house and buying an electric vehicle if the costs weren't so prohibitive.
At times we have opted to wait until our appliances or furnace have broken down and can't easily be repaired on the basis that throwing out something and buying new is also ecologically unsound.
see above
We built an inner city home recently. It has solar panels and is well-insulated. Metal roof should help mitigate hail damage. I wish were government incentives / rebates for these measures we've taken.
There should be a discussion about transportation, food waste and production.
Will be selling home in the next 5 years so need a strong incentive to make changes.
I believe that Climate action requires the ability to handle what is, rather than delusions. Most cannot face such a scary prospect because they don't yet have capacity to feel and keep from becoming overwhelmed. Focus on that and the rest follows.
We need to make it easy for people to be healthy & drive less, eat more of a plant based diet to protect water supply <a href="https://cfs.nrcan.gc.ca/pubwarehouse/pdfs/28159.pdf">https://cfs.nrcan.gc.ca/pubwarehouse/pdfs/28159.pdf</a>
A lack of safe active transportation options. Transit service sucks. Very few cycle tracks. Pedestrians safety is an afterthought in road design.
Looking to add exterior insulation next year does your average Calgarian even understand this helps. Bylaw to encourage this on skinny lots would be good.
I have taken some action with what I'm able to do (ex. hang drying clothes, cold water laundry, composting) but some things I don't have control over in my residence since I'm a renter. I also live in a condo building that has a board that makes decisions
Stop putting the responsibility on the individual.
I want taxes lowered and the government out of my life.
Solar needs to be more affordable.
I don't know which to do first, what to wait on, what to budget for, what will pay off. I need a Calgary-specific calculator for things that the internet loves (like heat pumps, rooftop solar) but I can't tell if I can use well.
A major barrier is that many people simply are not familiar with the connections between GHG sources and how these impact us at the individual level.

Personal action does not solve systemic problems; systemic problems need systemic solutions / powerful stakeholders, with disproportionate influence, resist things like urban densification, free housing and public transit, etc.
I don't currently own my home, but am hoping to soon. Then it will just take time to build up the finances for home improvements.
My problems, with the privilege I have to have the wealth I do, are having the time and energy to figure out to approach things, what the programs are, how to access them, etc.
We have to ignore the anti climate change minority as we do with Covid-19 anti vaxxers, and push forward for the sake of all life on the planet. Don't appease the small but loud minority of hecklers, many to protect financial interests. Make it cool!
This isn't a climate action but it is one of many actions that need to be taken to improve the environment
i am willing to install solar panels for my home but i need financial assistance from the city of Calgary
Many solar panels contain toxic chemicals such as cadmium telluride which is among the most toxic chemicals know to mankind. There is no disposal ground or recycling plan to deal with items such as solar panels when they need to be replaced.
This is not the city's responsibility. Stay in your lane.
The house I live in is in a neighbourhood going through redevelopment. It's hard to justify spending money on any climate friendly changes to the house when it will likely be taken down in the next ten years.
[removed] building is a short term job creation of new developments that are unnecessary, long term jobs in eco friendly building and converting old homes to more eco friendly homes provides long term jobs. Example of [removed] building the end of scarcer tr
We have already installed a small solar system and would like to expand it, but government rate structure is a disincentive. Could the City forego the "Local Access Fee" for new solar installs for a period of time (5 years) to incentivize investment?
One note: climate resilience is not climate action. The above speak to steps taken for climate resilience.
The program offered by the federal government seems complicated. A friend said it's not worth it.
On very limited income. Substantive improvements are costly, technical developments are nuanced and complicated.
=
For example, can the City influence building codes so that homeowners are able to reconfigure their plumbing to use grey water for watering outside plants, for example?
Not well developed in Calgary to travel on transit to neighbouring communities unless you are going downtown or home from downtown.
CoC needs to start giving incentives to citizens to offset the cost of climate action. For example, places in the US give extra rebates for solar or heat pumps. I hate to be that person, but costs matter to families.
Would bike more if safer
Condo board controls what envelope upgrades can be done.
Been to China. Experienced real pollution and smog. We should concentrate on countries that are real pollution contributors instead of penalizing ourselves.
I have 38 solar panels on my house and have minimal reduction in costs due to “admin” fees. There is little incentive in place. I would do geothermal and passive house if incentives were in place.
Solar panels are expensive and there is no clear, simple way to install and hook into the grid. Electric/hybrid vehicles are expensive - we are considering changing over but cost is a factor.

I had quotes to improve insulation before replacing siding; they covered 3/4 sides! (Highly ineffective). It took 7 yrs before I saw someone who knew how to retrofit a 1969 home, then 1 yr to research a heat pump and find a way pas Enmax's buried lines..
Extra insulation and heat mirror on windows which will need replacement soon.
Cost of living continues to rise as salaries stagnate.
I really am at a loss on how to replace my gas furnace I have contacted a few HVAC companies about heat pumps but really not on their radar
We are taking action to improve our home but have encountered some issue with contractors not familiar with technology (heat pump, electric water heater, etc)
Worldwide issue, zero impact for calgary
All proposed things like wind solar, electrifying everything is just expensive with very poor returns. We lose dependable power, and raise costs, making life harder.. and the world will still do what it wants ..we DO NOT CONTROL THE EARTH.
Have taken actions as far as I can, but think more information about additional practical strategies is always useful.
Whos riding there bike today you clowns
I would like to take more action but it isn't currently financially feasible.
Enmax needs to focus on decarbonizing electricity
Solar power has a long payback period and is not available for my flat-roofed house in provincial program.
We checked out solar panels for the house, but it was costly.
I am looking to buy and electric vehicle but currently only have access to street parking without home charging. The city needs to collaborate to provide better public charging options outside parkades, especially in the inner city.
Many of the climate actions listed are too expensive.
I have done many actions - however, more education to citizens needs to happen to look at all the suite of options
Nuclear ☢️ is good 👍, though it's heavily excluded Fromm being a potential solution
The City is the most guilty party in this area. Try synchronizing traffic lights in a sensible way, and change to flashing lights at night when volumes are low. Put in an idling bylaw. And get media onside. They only talk about such things minimally.
The city could spend a lot of money trying to reduce consumption. But the low hanging fruit and best bet is the grid. Please divert those resources to more green power, not money towards marginal amounts of insulation. 80/20 rule.
Polluting industries should be regulated and monitored by the government.
People act when they get government incentivization. Did the City not figure that out ?
I rent so lots of these don't apply to me. Lots of things that would help me personally reduce my carbon footprint are not things that I personally control. Eg, I would love to take transit instead of owning a car but bus service is not great here.
Your list seems very focused on homes. The bike network is missing many links and it feels dangerous to ride on the roads (20th Ave NW for example)
My household already takes many steps to be more efficient and eco friendly. But even with these modifications the set rates for electricity and water are always increasing.

Stop the insanity!! Cda. is 1.6% of contribution world wide. Spending billions in YYC will do zero to change that number. So don't spend. Let the changes happen naturally.
I've done much of what I can do feasibly as an individual. More regulation needs to be put into place to force businesses to change, for example, many businesses in the city don't even compost or recycle. Electric car charging infrastructure is another.
We've had global warming since the last ice age 12,000 years ago, therefore we need to focus on getting rid of pollution.
Despite the city's claims to the contrary, climate science is an unsettled issue and is, most certainly, not a crises, nor emergency or whatever labels this council chooses to use.
Have done minor things like land management(trees, soil, garden, compost ect), insulation enhancement, in home energy management, short haul bike commute, diet but the big impact items like elector electric cars, solar panels, heat pumps are too expensive
Interested and want to learn more.
I don't trust the city to reorganize its soending and not heap costs on taxpayers.
I built an energy efficient home to save the planet and to save expenses.
I'm a renter, so have to find other ways to take climate action than retrofitting my home.
I have solar, an EV, triple pane windows. I want a heat pump that will work. need info/ rebates....
If it were possible, I probably would have just repaired the 80% furnace. Unfortunately it wasn't due to the level of breakdown, so I needed to purchase a new one. I'm just saying the cost of some energy-efficient options can be quite expensive.
Charging additional taxes in order to reduce greenhouse gas emissions is irresponsible when Canadians produce a very low amount of GHGs compared to the rest of the world. And our energy is by far, cleaner!
Financial incentives and regulatory assistance would help immensely. I've had my solar panels for 2 months but Enmax still hasn't changed my meter. Bureaucracy getting in the way.
not the citys problem oh right gondexs city is a woke hard line socialist one
People need jobs not climate change while other countries are getting ahead with their economy this PC changes is really irrelevant in the grand scheme of things, Canada cares more for reputation than its people
Anthropogenic climate change is a hoax
The so called green options are not as green as they are made out to be.
Explain what?
I do not have anxiety disorders associated with climate change panic. Nothing we can do will stop our inevitable extinction.
Buildings are the highest source of emissions. Building standards can increase renewables, energy efficiency, and even incent transport emissions reductions with EV charging.
We would install solar panels on our rooftop and purchase an EV with an incentive.
Push mowers for small lots, better transit connections and reliability to get people using transit, more subsidies to get people to make eco changes at home. Solar panels, etc.
I see the need for incentive programs. My family of three downsized to a 620 sq-ft home in a building with no car infrastructure whatsoever. We use bikes and transit to get around Calgary. Gov subsidy or encouragement can propel others to similar choice.
Calgary NEEDS to clean up transit, the train systems are disgusting and it repels people who then chose the drive because it is far safer and you aren't surrounded by urine and drug addicts.
We have solar panels, and used an energy audit to outline how to improve home but feels almost futile given scale of problem. Be great to have city on board promoting climate action

Passing motions or climate strategies will not help. Every household should focus in reducing their own carbon footprint. Unfortunately we are all hypocrites doing nothing at a personal level.
I would love to retrofit my house, or upgrade vehicles but it's too much of an investment at this point
The climate will continue to change like it always has. Anthropogenic climate change is a scam. There isn't a single peer reviewed
food production can be 23% of green house gases but we are not focused in producing more vegetables organically and import almost 90% from california and mexico, we should grow more of the vegetables we eat
Lowering greenhouse gas emissions lowers the standard of living for the population. The city should be looking for ways to increase our collective wealth, not lower it
Need to again amp up transit frequency and ridership
There are so many easy things to reduce waste or emissions that people are refusing to do . It's infuriating to be powerless
There...is...no...climate...emergency
Canadas entire GHG contribution is 1.6%. Nearly negligible. Our actions are already environmentally sound.
The City needs to set a better minimum building standard for developers/building owner/management companies to meet in regards to minimum energy efficiencies, and extreme weather adaptation
I think the focus needs to shift to consumers; don't buy stuff you don't need, especially when it comes from far away. Excessive consumption is bad for climate change
Green house gas emission by animals is very high. Large animals release more methane.
Everyday people have a lot on their minds already, making it as easy and accessible as possible for people to be able to make personal changes would be the most effecient step
This is not a responsibility of a municipal government.
If this is so important why isn't The City fixing its own buildings and fleet first?
n/a
I would put solar panels on my roof if I felt I was going to stay in this house, but city taxes have increased significantly in the last 10 years and my salary has not seen one increase. I plan on moving out of the city in 5 years
Canada is a net-negative carbon country.
I don't understand this question. Which type of natural disaster are you asking about?
The impacts of climate change are immense and are only set to increase. All orders of government have a responsibility to start addressing this in a more meaningful way.
i need more info abt this.
Rain barrels; planting to attract/support pollinators; metal roof & fire resistant siding; single car.
The City is so offside with this plan; Focus on economic development and what is truly important for Calgarians
why did the worlds most angry mayor Gondek leave calgary during a pandemic and her climate emergency, ever hear of zoom? waste of tax payer money
Government is looking for excuses to raise taxes
Time consuming and difficult to make greater use of transit, cycling and walking.
I am a fairly well-off Calgarian, and I have invested some money in personal climate action, but my household simply cannot afford to do everything, and many other Calgarians are less well-off than me. We can achieve more as a collective than alone.



I have raised my voice and took action but I still feel that my options are limited. I probably need structured guidance.
Stop the nonsense on climate emergency. Quit wasting money, lower taxes.
As a renter, many of the suggested actions involve modifying structures/systems within the home that I do not have permission to do. Still, having access to this climate actions list is helpful for the actions I wasn't aware of and if/when I own a home.
Would change electricity consumption behaviour if there was time-of-use billing.
Self explanatory. But there are many people who don't have access to information about climate action they can take.
I've budgeted 5% of my household income this year for energy efficient upgrades, and have also applied for the Canada Greener Homes Grant. I would like to do more, such as install rooftop solar, but need more incentives as this is expensive to do.
What is the point of a city of one million reducing their impact, while China, India, Russia continue to build coal fired power plants, use high emission vehicles and have minimal restrictions on industrial pollution?
For my family with two children under 2, it is more about financial impacts to upgrading home & vehicles and getting by day to day. Not necessarily from a \$ standpoint but just availability of time. Home improvement takes time and we have little to spare
Canada is only about 3% of GLOBAL climate change. There is no way I can impact climate change in a grand scale where any efforts I do are so miniscule.
replaced two gas cars with hybrid and an EV
Waiting for existing equipment/infrastructure/vehicle to require replacement before taking some actions
It comes down to individual choices. If you believe in climate change then walk the talk. Most climate change activists don't. They want everyone else to make the changes.
Climate change is the big lie; net zero emissions is also a fallacy as it does nothing to reduce GHG emissions but creates another way that companies can apply for federal grants or create business to "bury" carbon. Hint-carbon based life requires carbon!
I will not use public transit, it is inconvenient and I don't like to share personal space, which is where our biggest impact could be.
Solar is on the cusp of being economical in Calgary. An incentive such as what the City of Edmonton offers would help nudge it over the line.
When you don't own property, you don't have a say in how it is heated, maintained, and repaired. Accessible housing needs to be built to climate standards.
it seems as thou the wealthy are the only ones who can do things
Aside from generally using less and not driving when possible, I'm not sure what else to do that actually matters.
To say that CO2 is a pollutant is to say all life is a pollutant. Plants need CO2 and evolved when the CO2 levels were much higher than now. Climate goes in cycles and has for far longer than industry has been around. We humans, are not that important
Many high efficiency options are in their infancy, and therefore provide little improvement at a great cost. Little improvements at little-to-no cost are effective and easy to implement.
Anything outside my condo unit, i.e., part of the building, would be a joint responsibility between the owners and paid for through monthly condo fees. None of us have the ability to withstand hikes in monthly fees. Ours is a seniors building.



My personal actions only go so far - the construction industry (among others) are well financed actors who keep pushing unsustainable development (low density suburbs)
I do as much as I can, but I know that I can do more. I would like to own an EV, but cannot afford one. I would like to travel more by public transit, but it is not efficient enough. I'd like to upgrade my home, but I'm unsure of incentives
The City ignored science and the recommendations of its own working groups to appease the wealthy of Bowness.
Electric cars are still very expensive AND unfortunately the condo I live in doesn't want to install any chargers at the moment.
Solar farms require large plots of land, destroying ecosystems. They have to be replaced rather rapidly, and obviously don't function in weather such as heavy snow. Wind struggles from many similar issues. Nuclear is undiscussed and would take long to pass
This is a global issue. Until China and India take steps, we are reducing the quality of life of Canadians/Calgarians by implementing climate action.

## Question 7a

*The following is a list of possible focus areas for climate action that help us to prepare for and reduce the impacts of climate change. Please rank these in order of which you believe the City of Calgary should place priority.*

Prioritization question.

*Briefly explain why you prioritized the above focus areas the way you did.*

Huge impact from reducing demand. By reinsulating my home I reduced energy use by 35%; Solar provides my electrical demand for 8 months per year.
Community vulnerability is something I've personally experienced.
For a city to function, the infrastructure must be maintained.
We need to get beyond reaction and do what we can to make a change for the future!
Difficult to prioritize as a layperson but I'd rather see more focus on strengthening and managing our existing natural resources and ensuring they're protected from and are resilient to future climate change impacts, and that these measures should be the bedrock for reducing community vulnerability and preventing damage to infrastructure.
Man made and natural barriers will help the most in my opinion
It's all tied together, the order was essentially moot as each option is important and connected to the others.
Buildings and natural infrastructure are the top priorities. However, adaptation measures are the only things mentioned here. Mitigation of climate impacts is more important in terms of adaptation because of how our lifestyles need to adapt, that is, demand management.
Our communities are not prepared to deal with extreme weather events, particularly floods, storms, and extreme heat events. We need to not only seriously reduce the city's carbon footprint (transportation!) but also increase Calgary's resilience and natural infrastructure. For example, plant way more trees to deal with extreme heat events, or redesign verges to absorb stormwater flooding.
I favour nature-based solutions where possible, and after that improving infrastructure that is under city control.

The community effects of extreme weather events adversely affects so many people it action should be taken care of as soon as possible.
Our big aim is to reduce community vulnerability and then we talk how to best reduce it. I think using natural solutions probably has the largest impact for the greatest number and would offer us the most control. Getting down to only specific retrofits is expensive and focusses only on one problem rather than the overall picture.
Fundamentally, we need to protect/restore the natural eco-system to prevent further climate disasters.
Severe rainfall and hail result in the most damage
I tried to focus on what I thought would be most impactful / helpful in an extreme weather event
clean water is crucial to our existence. Protecting water and our natural environment seem like great ways to reduce impact in the future. All of the options mentioned seemed important however.
Changing buildings isn't going to change climate.
I wasn't really too confident in it, tbh. I believe these are the types of decisions that require lots of knowledge and careful thought, which at this time I personally am not really qualified to do. But I just gave it my best shot. I DO believe there should be citizen education and fora about these issues so we can become qualified. That is called transparency, and tbh right now the govmt needs all hands on deck and should be including citizens in a meaningful way.
Based on how hot it was last year and the issues our farmers have had with drought conditions I believe water is a very important resource to protect.
Prepare!
The natural habitat are there to help in these events when you take away trees, reroute rivers this cause a weak point for these extreme disaster not being able to be blocked or redirected to lessen the impact
Prevention goes the longest way in minimise the effects of climate change on the maximum amount of households
We need to develop resilience. Although we can hopefully mitigate the progression of climate change through our activities, we need to accept that it is already happening and we need to be prepared instead of putting all our focus on the hope of reversing it.
During the flood the downtown lost Power . Improving infrastructure is important .
We can't live without water so we need to protect our supply and help nature to restore natural barriers to extreme events.
Focusing on natural areas and storm ponds re-establishes nature's way of mitigating events. Not sure what 'reducing community vulnerability' means. Rebuilding or building new infrastructure without doing the natural areas first would be like putting the cart before the horse and would be extremely expensive.
Every living creature needs shelter energy and water to survive. Calgary needs more decentralized energy generation or we will experience rolling blackouts particularly in summer. Work and learning from home is going to become more common due to lack of global covid vaccination, extreme weather (+30 C/-40 C) and the need to reduce emissions. Communities will need to be more walkable and more efficient and sustainable transit (i.e. Vancouver).
Flood zone in Elbow park needs to be addressed. Dam in Springbank needs to be completed.
With accelerating climate change, Calgary's water supply is vulnerable due to drought and loss of glaciers. Preserving the water supply for a city of ~1.5 million inhabitants must be a priority. Natural infrastructure has proven to be one of the most effective and economical ways of mitigating the effects of unstable climate. Urban forests hold moisture and provide cooling during heat waves while also benefiting mental health.
We need to build more trees. There is so much unused land that has dead grass. Instead of that, we should plant lots of trees on those lands
All are good.
We have to preserve our pristine nature - in order to not make things worse

Reducing vulnerability is a motherhood statement that includes the others. Buildings are a source of climate change as well as vulnerable. Natural infrastructure will make it easier to manage water resources and infrastructure
Re-Naturalizing is what the earth does to restabalize herself when we aren't In The way. Teaming up with Her is smartest I think. Peoples homes, food and water supplies and mental Emotional heath so they can handle things without getting detrimentally reactive are most important to me.
Literally upstream thinking. We need action and the vision to reduce community vulnerability form current and future extreme weather events will hopefully be addressed. <a href="https://www.conferenceboard.ca/temp/b27b3ba6-26e8-4315-a1f9-85d5cc3c43d9/031-07-Mission%20Possible-Successful%20Cdn%20Cities-WEB.pdf">https://www.conferenceboard.ca/temp/b27b3ba6-26e8-4315-a1f9-85d5cc3c43d9/031-07-Mission%20Possible-Successful%20Cdn%20Cities-WEB.pdf</a>
The Palliser Expedition (1857-1860) judged our area as unfit for settlement because it was too dry. Scientific analysis of our area stretching back thousands of years also supports extreme variability in water levels and flows. This is the reason I have put the first 2 items as priority as they will both help protect Calgary in water related events(drought, flood, rain/snow/hail). Put City owned last as there has been a high standard of care in recent work.
Before building new, retrofit existing infrastucure
Retrofitting CoC buildings is good but limited in terms of community impact - hence putting it last.
Because natural capital = best provider of ecosystem services such as flood prevention.
Everyone needs clean drinking water. This is a major priority. I know we will be expecting drought by the end of this decade so we need to build water collection infrastructure to ensure we have enough water.
Stop building out
I think protecting our people and communities is of utmost importance. I also believe it's incredibly important to take care of, restore, and preserve natural environments that may have been negatively impacted or neglected. Many parts of the land have historically helped communities that have lived here for generations, so we can also take care of and utilize the protection that the land offers us as well. The last two are significant as well, it was difficult to rank them all.
Natural Infrastructure and water resources can have the biggest direct impact. Retrofitting city owned buildings is a drop in the bucket compared to the number of privately owned buildings.
safety of citizens first, mitigation efforts after that
Stop the sprawl, and the dependence on motor vehicles can actually be addressed. Retrofit the existing buildings so we aren't using as much fossil fuels for electricity and heat
This is so stupid. How about getting our oil sands pumping again ang get some canadians back to work rather then buying all of our oil from over seas.
I think all of these elements are important. I tried to prioritize things that helped with root causes, I put community vulnerability before buildings because I understand it to include people (and buildings too?).
Prevention is the most important
"Manage water resources ..." would be top but high and mid value projects are already complete with comically ridiculous projects left in the plan.
We need Springbank and other flood mitigation NOW. No City building should be built that is not energy efficient and off the grid, flood resilient, create its own energy.
Weather patterns seem to be increasingly erratic and storms and drought periods are becoming more severe.
I prioritized nature because you have to do it now for it to grow up in place in years to come. I would have prioritized city-owned retrofits higher, but I don't think the focus should be just on resilience for extreme events. I think no and low emission retrofits that save operating dollars and help us weather price and energy spikes by reducing consumption should be just as high a priority for the City. We can rebuild in bad times but must take action for resilience and net zero at all times.
Proactive planning and preparation for extreme climate disasters are more sensible and probably more cost-effective than most reactive strategies.
Energy for buildings and on-road transportation are among the most significant contributors to GHG emissions in cities.

Glacial melt means that our watershed will have less water in it; groundwater will be depleted. 2. Natural infrastructure is a cost-effective way to protect against evaporation, soil erosion, flash flood; will capture carbon, cool the city, re-introduce habitat for urban animals
I think natural infrastructure is the biggest driver of vulnerability to extreme weather. I think they are all important; I put community vulnerability last because infrastructure adaptation is closer to mitigation than community supports in the events of infrastructure failure and I always prioritize mitigation first. However, I do believe infrastructure adaptation should be done with equity and community vulnerability in mind.
I think we need to focus on nature first as that's the most efficient way to protect the city - nature based infrastructure is more efficient and effective. After that, we need to make sure that the most vulnerable are protected.
Trees and plantings can drastically reduce the CO <sub>2</sub> in the air, slow rainwater from re-entering sewers and rivers, and provide shade lowering outdoor temps and need for indoor A/C. Improving quality of the soil and plantings along riverbanks protects river ecosystems and water quality. Also important for city's to lead the way with green buildings and energy choices.
First look at how there are already natural protections like Edgemont wetlands before paving over these and creating a problem. Don't cut down trees that could reduce flooding. If all else fails use man made infrastructure. Reduce the urban sprawl that uses flood plains for home building. The more area we urbanize the more we have to protect.
They're all important for impact mitigation but protecting and restoring the natural environment is also proactive by absorbing GHG. The community was ranked 4th only to the extent private insurance can contribute significantly.
I don't think there is a lot we need to do. Stormwater ponds are already being upgraded.
Increasing the area of natural wetlands and preventing building on natural areas are probably the most economically efficient ways of reducing storm impacts
There were no good options to I ranked them from least bad to most bad. I would have preferred an option to have the city do nothing.
those are not the focus areas, help homeowners and business owners
We can benefit from using natural ways to control it. Not much we change will reduce the way events unfold
The list above is all common sense.
From a self preservation standpoint, protecting the environment is a necessary to protect our own future
Nature can protect us from a lot and help us in many ways. That should be the priority. Upgrading infrastructure is an important priority regardless of gradual changes to the global climate.
Focus on the city's most vulnerable. Stop building more infrastructure that needs to be maintained and has a high carbon footprint and instead use natural processes to build resilience.
We wouldn't have climate change if you didn't destroy every inch of land for greed, the city has destroyed the earth's natural ability to sustain itself, by over building the more pavement and homes the more traffic more heat, the more greenhouse gases trapped.
Natural infrastructure is top priority because without healthy, intact green space, impacts from severe weather & climatic condition changes would be more expensive and destructive ( e.g. river valley park areas helped to prevent worse impacts during 2013 flood than would have occurred without these buffer areas).
I believe 1 and 2 could have a positive impact in 3.
What value is there in asking an uneducated public their 'opinions' on climate change. You should be the experts, not the public. This is a wasted exercise that does not move the city any closer to addressing the real issues.
I think we need to do everything we can to show leadership and prevent climate change as much as possible. Resilience to extreme weather should focus on supporting the things that will impact the most vulnerable or be foundational to continued efforts (e.g. water supply)
Water management seems most important to me. We've seen the impact on other cities that have experienced drought and water shortages, and the impact of flooding here in 2013. Citizens are totally reliant on the

municipal government to be prepared for extreme climate events. (and I wouldn't want to rely on the Alberta Government...)
This is an adaptation that is overdo... we will have flooding issues in the future ... it's a natural phenomenon ..just like in the past. The difference is that the city has allowed development ON A FLOOD PLAIN.
The City should prioritize ensuring Calgary remains accessible during extreme weather, particularly the extreme cold. Very low temperatures annually experienced in Calgary result in physical/social isolation and put vulnerable Calgarians at significant risk. Developing public infrastructure to make Calgary more accessible during extreme cold/snow would make Calgary safer and more liveable, safe and resilient.
Work with nature, not against it. Then protect communities.
long term view is to protect the entire planet by maintaining wild areas - carbon sinks (plants) water filtration (wetlands) biodiversity...
They all are important, and I'm not sure which would make the most difference. I believe we need to support nature.
We need water and making sure that the Glenmore reservoir stays pristine is important...
Water supply seems like a key priority, then the existing infrastructure although it seems like the natural infrastructure you separated out as a distinct point is inherently tied into the buildings, roads, bridges etc.
If basic access to water is disrupted, we can't do anything else besides scramble to fix it or die. Similarly, we need to ensure most basic level of safety, including empowering citizens to prepare themselves (however, we also need resilient power and heat systems). This should be emergency preparedness-level only. Then we need to take steps to avoid disasters in the first place, by bolstering natural infrastructure. Better bridges, libraries, and fire halls are important, but less so.
We have to get out of the way of nature and encourage it to regenerate as much as possible. Our city is built for a climate that no longer exists, so we need to harness nature to help us make our infrastructure less vulnerable, while creating wildlife habitat at the same time--as well as making better (less wasteful) use of resources. For example, when there isn't enough water for homeowners to water their trees to keep them alive, can the City provide grey water from its operations?
We need to plan our communities for extreme events.
I see a lot of value in retrofitting building to deal with climate events.
You are missing prioritizing walking and biking infrastructure and allowing rowhouses and stopping the sprawl of new communities
As extreme weather events are the most likely and highest risk, having resilient infrastructure is top priority. Managing our water for times of excess or drought is second most important as we need water for life. Other areas are great but can be a longer term focus.
Those were stupid choices designed to give a desired answer.
Hail is the problem here. Hail has always existed. In 4 years have had two hail storms that caused 100k in damages.
How about stop the nonsense and reduce our property taxes.
A change in our environment needs to be our first approach. Retrofitting some city buildings won't change the path we are on, that is just a bandaide.
Protecting and restoring natural ecological features is a simple way of protecting water quality/quantity and provide shade in urban/suburban areas which can help during extreme heat events. Water shortages are going to be a thing. Calgary needs to do much better at managing water and understanding that this is a limited resource.
Clean water is critical to resilience and highly at risk. The top 2 deal with that. A focus on local circumstances is the smartest way to effectively bring in climate solutions. One size is not going to fit all. Considering the local unique strengths and vulnerabilities of communities is more complex but ↑↑'s possibilities. Retrofitting homes will quickly bring people on board, access residential rooftop solar, renewables, and this is more important than city-owned buildings and roads.





# Climate Strategy Update

What We Heard: Verbatim  
Online Engagement Results – “Calgarians”  
March 2022

Maintaining infrastructure so minimal disruption to distribution of critical items (food, fuel etc), then improving ecosystem resilience because these causes benefit the most Calgarians.
Hard scraping always seems to be overcome, natural deterrents look better and last longer
Each item is just another example where government increases taxes, increases cost, wastes my time, and generally make living in Calgary much more difficult.
The land knows how to handle extreme weather. Wetlands are a necessary part of the landscape and far too many have been removed.
I actually would like calgary to work on better transit... buses and trains are not being used. Why? Expensive. Not easily accessible. Too infrequent.
long term thinking. focusing on protecting natural infrastructure of parks and grass and trees will benefit longer term future of city
All ok
Stupid choices...
Natural infrastructure will be our strongest avenue of protection in the climate crisis
Restoration of natural areas has significant impact on mitigating climate impacts, such as urban forests providing cooling, and are often ignored to focus on technology. These actions improve the city for everyone, as well as supporting biodiversity.
The natural environment can help us mitigate severe environment
I wish i had a political science degree to understand climate change
These are all really important
Making things less bad to start seems like an easier and cheaper place to start than just trying to fix destruction.
Before making us more resilient by building more infrastructure we should take proactive measures to help preserve what we already have.
Nature (eg trees) is the most effective at moderating extreme events.
Costs less to build natura infrastructure than it does to retrofit old buildings.
All are important, but the first three seem more actionable. The last one is more of goal than an action.
We need out built environment to be able to withstand the future weather extremes Calgary will face. Natural infrastructure has a place, but I find it is often over-emphasized relative to its impacts, especially carbon sequestration potential.
Spend the money to prevent extreme weather before reducing the impact of extreme weather.
A focus on adaptation actions geared to reduce vulnerability would limit social and economic liabilities, reducing the burden placed on businesses and individual Calgarians. Preservation and restoration of natural areas, with an emphasis on maintenance and enhancement of ecosystem services, is critical as the replacement costs for these services are often far in excess of the costs of maintenance.
The first one should be one of the top goals and to get there you need to do the following three. Building new and retrofitting existing City of Calgary owned infrastructure needs to be expanded to ALL buildings in Calgary. Restoring and building natural infrastructure and water infrastructure needs to be happening at the same time (it takes a while for natural infrastructure to establish and become viable) - so ensuring that is also happening at the same time is important.
I think the City needs to prioritize ways that it can mitigate climate change. Reducing sprawl, enhancing cycling/walking infrastructure to reduce amount of driving (as opposed to building more roads).
If it was up to me all these would ranking equally.
I selected it randomly. I believe we can find ways to solve all the problems.
Well geez, trees use lots of carbon dioxide, so that should be a non-brainer. The rest are just fluff that you put there to take emphasis off of areas the City can really do something about. The water resource point is just another way for the City to do another tax grab. The City should also do a better job of recycling. They exclude too may things from the blue cart program.
Technology will help without spending money on bridging technology that will be obsolete in 5 years

Having taken such a toll on the environment we live in has been a major downfall during extreme weather events. Restoring the natural systems that help protect against disaster.
Making your city buildings better is self interest and not going to make a dent in GHGs. Invest in resilient infrastructure to help Calgarians, not pat yourselves on the back for working in a LEED office. Resilient infrastructure can and should include green energy for Calgary, not just for the City owned buildings.
Mother Nature is pretty smart --- and she never intended us to live on CONCRETE -- so green spaces and wetlands and urban gardens would solve a LOT of problems that we caused when we laid down all this CEMENT.
they all seem equally important
I attended a conference on the need to drastically improve our infrastructure to withstand the inevitable impacts of climate change and see through the wildfires, extreme heat, drought and flooding in Western Canada how critical that priority has proven to be.
I understand the purpose of the question but the asking is part of the problem. You cannot sufficiently address one without addressing the others. Prioritizing is a false idea. Every decision should be made addressing all of these strategies. Any new development or maintenance of city services must be made with each of these considerations, a wholistic approach to every problem. The accurate accounting of long-term costs is essential. And the true price of any short-term gain.
Nature-based solutions are generally more effective and cost efficient. Esp., since we don't really know the direction that Calgary is going towards--extreme heat, or extreme wet.
Stop Calgary sprawl. Not a new idea. Ever heard of stranded assets ? That would be the ring road, and the second YYC runway. Ask Noel Keough, the U of C professor.
They are all important but protecting vulnerable communities is the most important, because they are the least likely to be able to recover if they are impacted. A city can figure out a solution if something needs to be fixed/replaced/etc after an event, but a low-income individual can't.
Protecting and integrating into the natural cycles and habitat is one of our best chances to protect the environment. Literally protecting the physical land. Then updating technology and lifestyles / habits to put less strain while still advancing as a whole collectively.
I put city of Calgary buildings last because it should be a given this is being done internally and not take away from any focus on community.
I think it's important to preserve natural settings as they would normally be able to withstand weather events. I know downtown has made some eco friendly modifications on the River front to minimize the flooding, such as barrier benches and a terraced garden designed to reduce flooding.
Reducing community vulnerability can not only build resilience to climate change, but also support social programs and support determinants of good health. There are a lot of co-benefits.
Our roads are never built up to a standard to consider the future
If we are going to fight climate change, we need to start by preserving our environment. I think Calgary is at a heightened risk of water related issues.
I think a minor to moderate plan to improve infrastructure on its typical replacement cycle. I do not support a massive infrastructure program. Let it happen naturally under current replacement time lines.
To whatever extent possible, the city needs to reduce ghg emisissions as a way of mitigating climate change.
I picked the water supply first because I think it's critical and would also impact the animals in our city too
Preservation of natural spaces has a multitude of benefits in addition to weather resilience making is an efficient use of funds.
Tackle the high emissions first, then focus on the environment. If these are done, the vulnerable communities will be protected
Build better and utilize nature
They are all important. I put infrastructure first as it is important to everyone in the city and used by many.
This is the only one that makes any sense.



If we protect the natural areas we decrease the effect of weather events. Water ways are highly important to survival but can also create a lot of destruction.
We have such boring green spaces. Communities have bare fields. If you want communities to thrive, build visually interesting walking areas, gazebos/covered picnic areas, so we don't have to drive all over the place for a pleasant walk, and to just maybe have more community events. Not everyone plays sports, or wants to walk where there's no trees, shrubs, flowers, running water, etc. This would provide a soothing boost to one's mental health as well.
It is cheaper to upgrade infrastructure to withstand climate events than to deal with the suffering and disruption of transportation, infrastructure, economic and personal destruction
My concern is more for the environment and the preservation of natural resources than any other infrastructure that is more focused on individual
Water will be issue one here, too much or too little. And if utilities fail everyone in the city is affected. Water management seems like a good place to start. Also public infrastructure affects everyone so it seems it's impact is outsized compared to individual communities.
All of these are priorities. Leading question.
Leave well enough alone
By supporting Natrua Infrastructure we will build a more resilient city for all
Ecology of the local enviroment is detrimental to lowering the possibility of future climate change impacts. Preserving - and building more - wetlands and other ecosystems in the area reduces stormwater runoff and improves local air quality
Infrastructure should always come first. It is the biggest and a pain to do at the end. For example, if you need to trench something after the wetland is built it could disturb it. Water is essential to all living things. Improving trees, soil, erosion is natures way of protecting itself. Our removal of these things has caused a lot of issues. The 4th one is too vague and I was unclear what was meant.
The order makes sense. Start with the larger picture. These items will reduce carbon emissions. Water is life and has to be managed.
Preserving natural infrastructure can start now, if we stop allowing developments on wetlands and grasslands and stop clearing forests to build houses. The other actions will take some more time to implement.
This needs to be informed by scientific and social scientific research, not opinions of people. What are you thinking?
Seemed logical to me.
One of the best ways to reduce greenhouse gases in the atmosphere is have appropriate Greenery within the city.
Extreme events are inevitable so increasing our preparedness will help reduce the devastation when (not if) it happens
just going for the cheapest
1 and 2 are ranked equally to my mind. The first 3 all result in reducing community vulnerability. In any case, this 4th item is also vague; you reduce community vulnerability by doing things such as the above.
Reducing vulnerability is complex - cost, family resources, understanding the issues and solutions/strategies, communicating effectively to citizens
None of the above
The city keeps allowing existing green spaces to be rezoned and developed. Green spaces are "climate fighters" and are enhance communities for all to enjoy. Forcing communities to densify is just wrong.
Anthropogenic climate change is a hoax. Extreme weather events are not connected to climate change.
That is the city's responsibility. Some of the others are not.
I'm aware that water shortages will increase over time so protecting it will be critical. Adapting to severe weather using natural infrastruture should take priority over adapting human-built infrastructure, but is still just as important to keep Calgary functioning. Finally, community vulnerabilitiy should be addressed (not entirely sure what this means so that's why it came last)

Why is there not a choice to take no action?
Building retrofits can enhance both adaptation and mitigation for climate change. This should not just be for City of Calgary-owned buildings, but programs for all. Natural ecosystems can reduce emissions, increase biodiversity and mitigate extreme weather - all important.
The city needs to curtail its urban sprawl, and add green spaces in the central core where possible.
The big problem when disasters happen is when institutions and major infrastructure fail but if we can negate some of the impact first that would be ideal.
Hope for the best, plan for the worst
People first, then put all possible natural mitigations in place (like wet lands etc.) to prevent extreme events in the first place
I didn't because apart from my experience with heat, I don't know how else I'm vulnerable if I'm not being flooded.
The city should focus on city owned property first before they take my tax dollars to help the fat cats living in Elbow Park, Rideau, etc. that live on the flood plains of the Bow and Elbow rivers.
Mitigation is more important than adaptation, but both are needed.
We shouldn't be prioritizing roads, we should be on a road diet. The only way to seriously address climate change in Calgary is through changing our transportation habits. That funding should go to increasing frequency of transit, reducing transit fees, and building active transportation infrastructure everywhere.
To me it makes sense to address man made infrastructure (as it is newer), before approaching naturally existing elements.
Protecting natural assets - best way to support climate nature solutions - way less expensive than restoring later! All these are good strategies and need to be implemented.
Overall I believe the climate in the Calgary immediate area can be positively affected if we focus on working with the land, learning from it, improving it and going forward from there. Also it be great if we used products that could better withstand weather events. City council is very reactive and not proactive enough when it comes to city expansion and improvements!
They are all terrible ideas.
Don't need to waste money on existing buildings do the maintenance
Natural barriers will improve our environment as well as be a resilient solution that takes care of itself
Calgary needs to immediately stop pandering to the automobile, car culture and prioritizing private automobiles as the primary mode of transportation in this city. Transit fares need to be vastly reduced or eliminated altogether to encourage use outside of weekday work hours. Free parking after 6pm downtown needs to be eliminated as well.
I think preserving the ecosystems we have, instead of continuing to build on them should be as important as managing our resources to prepare for extreme weather. We can't stop climate change by doing the other things if we just keep continuing to degrade the things that are left that save us from it
It is probably more cost-effective to and favorable (from a park, hiking, enjoying nature standpoint) to manage the local environment than retrofit existing buildings to withstand marginally worse weather.
To me the environment must come first... why don't we fix the issue that is creating the problem instead of spending more money on ways to withstand severe weather destruction.
They all seem important. I would rank them all similarly if I could - but ultimately protecting communities is the primary goal. The other are seem more like means to that end
Calgary has two rivers go through and key infrastructure is in low lying areas. Water is the most important strategic resource of the 21st century, like oil was in the 20th century. This city has huge resources that could be top-down and bottom up managed better
Spend money on Existing Infrastructure. Do not start new pet projects. Reduce cost of living here not spend irresponsibly
Preserving natural systems seems to be the most cost-effective approach.
Increase the availability of cheap power sources

Our Prairie river was never me to to stay in one place, rivers are living 3nities and need to be respected cus they will never be controlled . I am really concerned that the back barriers dyks and berms are going to detrimentally increase the flow pressure power of the flood water
Those are how I feel.
The climate is always changing, that is the only constant. Any construction she be built to anticipate one in one thousand year events and in locations that are naturally protected for example, don't build in flood plains, forests or drained lakes
Natural systems perform vita functions without any maintenance or cost if the community of plants is optimal for the area.
Wetlands reduce impact of drought and flooding, prevent erosion, store carbon and clean water.
Finish the Bow Diversion project, that's it
We need to properly manage the flow of water about the city through the use of naturally occurring infrastructure as well as man-made devices. Then we can move on to buildings - most especially the heat/cool upgrades
Poor management of city infrastructure, and buildings is causing wasteful spending of calgarian tax dollars
Extreme weather events (Extreme heat, hail, high winds, etc) are becoming increasing in severity and occurrence. Adapting to these is currently fully on building owners and tenants. Individuals are the ones currently experiencing the impacts and this impacts those without access to \$ more greatly than those that do.
I think this is the biggest bang for the buck; achievable and requiring the least amount of capital outlay
Mitigation measures such as the Springbank Diversion make sense. Need to streamline the approval process.
I believe green infrastructure is the option that will have the biggest long term impacts on reducing climate change impacts. Good tree cover reduces heat island, filters air, prevents erosion due to heavy rains, provides habitat for birds and insects (who are also members of our community). I've prioritize retrofitting publicly owned buildings because building heating and cooling is the primary source of GHGs in Canada, so this is taking action to reduce GHGs that Calgary produces.
I think my opinion probably matters less than if there were experts to provide insights on these issues. I ranked them based on my impressions on what is the most important at the moment, but it's probably off.
Maintain infrastructure properly and don't build things that cannot be afforded. Municipal government is for essential services only.
Natural infrastructure first. Point regarding infrastructure should also include upgrading with solar etc. not just to withstand weather events.
n/a
None of these address climate change.
Basic common sense and profound analysis
Logical sequence with limited choices
I think that it is sort of hard to rank these. There is a need to build and retrofit hard infrastructure to withstand climate disruptions, to incorporate natural systems into this (and hopefully increase biodiversity), and finally to reduce community vulnerability so that all Calgarians can build climate resilience. Finally managing water isn't really been a priority for cities in the past and I think it is going to become a lot more so.
This is a spectacular waste of resources. Like the disaster of the reservoir west of calgary. What an insulting farce.
There are many so called "climate" events that have been occurring periodically over hundreds of years. Look at history and prepare for the future.
Focus on managing what is currently in place, then address gaps in infrastructure and needs that serve the entire city.
It's the only one that feels relevant to the city.
our buildings are too fragile; case in point; look at what happens to hurricane ravaged areas in the southern states;

The larger scope of focusing on natural infrastructure and water resource infrastructure has a wider impact than focusing on individual buildings. Also, unclear what reducing community vulnerability is referring to specifically.
we need to be less autodependent.
Water is life. We can't live without it.
People first.
why did the worlds most angry mayor Gondek leave calgary during a pandemic and her climate emergency, ever hear of zoom? waste of tax payer money
I had to choose something
It is hard to rank these as they are all highly important. Direct support to the community will help protect homes and vulnerable people, whereas building retrofits will have long term benefits to fighting climate change. Rewilding natural infrastructure is also very important but has a more middle-term benefit and broad improvements to the city environment. Water resources are also important in the short term.
Management of what we already have is important and then go on to build keeping in mind the future climate change issues.
Frankly all of them are almost equally important. I could not decide the order. First, work on imminent problems that are coming our way.
Nenshi 2.0 needs to focus on cutting taxes, salaries and pensions so we can afford to live in Calgary. If not people will need to leave.
The GSM will increase cloud cover and change precipitation patterns.
based on activities that can be achieved.
Investing in natural infrastructure seems like a win-win (climate resilience and improved lives for Calgarians).
I feel strongly about implementing changes with equity, hence why strengthening communities is ranked first.
Reducing vulnerability needs to happen alongside the other focus areas.
Need to take care of the natural environment, and our resource resilience as a first priority.
Below grade infrastructure in older urban areas is crumbling in many municipalities across Canada. This had nothing to do with climate change, but rather under investment.
Our existing assets (current buildings) are important to keep delivering services to citizens. Conserving / enhancing natural environments is very cost effective in mitigating climate impacts. Finally the engineered water solutions are important as well. I believe there is a role for city to play in reducing community vulnerability but that is done through the three other methods. The real estate market forces will also play a role in determining where people live/work (e.g. flooding=no demand)
none of these are useful, and most are quite meaningless. When I read the list, all I see is "pet projects" and increased taxes.
Ordered by the actions which should result in the most benefit
I believe infrastructure hardening would have the best return for Calgary's investment of resources.
Localized storms is the #1 threat. Calgary's stormwater management infrastructure must be designed to minimize local flooding. Mitigating hail damage is the next most important. Building standards have to be improved. It is difficult to maintain naturalized areas in a highly urbanized setting like Calgary. Especially, given that the city is pushing higher densities.
So, the easiest it to keep the natural areas (grass, trees) in a good state to be able to absorb. Resources like the ponds and stormwater need to be in good shape to compensate during events.
City of Calgary buildings are a tiny fraction of the overall # of buildings in the City. Putting work into the other areas first will help protect all Calgarians not just municipal resources
Ecosystems take longer to rehabilitate than built environments do. Retrofits will cut down on the waste and trap heat so we don't have to generate it. I'm unfamiliar with water management but we're located in large watersheds. Communities will adapt out of necessity based on the weather events we experience, and support programs are flexible.
Water = Life , after that start planting trees



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We should always start with working with nature first, then try to fix/retrofit later.
All infrastructure should be built to survive 100 year events. We live in the hail capital of the world and in a typical prairie climate with blizzards and extreme cold climate in winter and hot and dry summers. How about we plan and adapt to the climate we have and not worry about greenhouse gas emissions. That is literally your job, the world climate is not in your jurisdiction! Do your job and manage Calgary
Natural areas are best at providing resilience to natural disasters and can be self-sustaining.
Communities (neighbourhoods) are where people live and we need to protect the areas in which their homes are located first. We need to ensure that our city suffers the least impact by planning for flooding and drought (drinking and household water shortages). Natural environment integrity helps ensure the above. We need to make certain that transportation and infrastructure are protected, to minimize disaster in citizens' lives and experience.
Restoration/regeneration of natural infrastructure has positive carbon return-on-investment that can help with adaptation and mitigation. I view water resource infrastructure in the same way. Community vulnerability and infrastructure retrofit are important, but ultimately do not address the root cause of climate change
They are specific, whereas the last one isn't.
To be honest, they are all a priority. We have to do better at adapting to the changes, and I don't know that Calgary has done enough to take it seriously. The emergency declaration is a step forward, and I hope to see more action. But I know that too many people are more worried about the economy than the climate emergency
We need an upstream reservoir along the Bow River. We can't wait 30 years. Too much time and effort is spent on trying to appease and bring onside special interest groups, but 50 people are affecting 1.5 million.
because many older homes and buildings were not made for climate change back in the day
Infrastructure is important to societal function. This is clearly evidenced by the recent events in BC.
I used a 2x2 matrix (effort vs. efficacy) and prioritized preventative measures when options are too close to call.
#1 Globally one of the best ways to mitigate climate change is to restore green spaces aka - carbon sinks. Tree planting, wetland restoration etc. Biodiversity and reduction of concrete and asphalt which reflects heat. #2 drought is probably the biggest fear for our part of the country #3 neighborhood developers these days bulldoze all the trees. They are not building in a smart way. Trees provide shade for houses reducing the need for AC. Ppl dont plant trees so we need more public trees



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## Question 7b

*Is there a focus area missing?*

Public transit - make free or very cheap, improve service, and increase cost of downtown parking.
A much more aggressive climate focused strategy about development. Incentivize business and private climate positive actions (aka move beyond what the city is doing itself to nudging the rest of us.)
Stopping any further expansion of the suburbs
Reduce urban sprawl! Less Greenhouse gas emissions!
Nope
Should be more education on the link between diet and climate change (meat and dairy account for more greenhouse gasses/land usage than anything else listed here)
Prioritizing preventative measures.
Building no more roads. We are having trouble maintaining the one we have & more roads equal more sprawl which means more GHGs.
Energy generation from solar, water and wind sources using scalable unit solutions. For example, small turbines can be part of streetlights to generate energy from wind or placed in water pipes to generate energy from toilets flushing. Solar panels can be installed in surface parking lots to provide shade and generate power.
Addressing the causes of climate change in the first place ... although we don't have major control over that.
I don't feel qualified to suggest anything else
Building codes which mandate rooflines oriented for solar panels, higher density, use of District heating using geothermal heat or waste heat.
Absolutely!! Animal agriculture is the primary driver of climate change. We need to change the way we think about animals and food.
I would like to see a discussion of corporate responsibility: airlines, oil companies, gas companies (and others, I'm sure) are the primary contributors and do \$bns worth of business in YYC. They need to be held accountable and brought in on the cost of the solutions. As well, they must be subject to meaningful regulations.
Universal design in these development that allows all calgarians to have access, no barriers and inclusive (for visible and invisible disabilities, physical and mental/ cognitive) I have found with limited communication access during the pandemic in an emergency response the city lacks this, same with the flooding. Ensuring that everyone belongs you need to have accessibility at the table in these discussions, planning, development and execution. We can not be an afterthought.
Strengthening the electrical grid to aid conversion to electricity for heating and transportation.



Be a leader in EV and AV transition. Autonomous electric vehicles will be a reality in the next 5 to 10 years. EV charging will be needed. Dedicated road ways and boarding/off-boarding locations are needed. Fewer parking garages will be needed. AVs will save Calgary billions in fewer car crashes, fewer car thefts, fewer road rage incidents, fewer first responder calls, fewer traffic jams, fewer injuries/deaths, higher productivity, safer mass transit as only cohorts would share the same ride.
Focus on planting many trees so that we have less pollution. Trees will filter all bad particles in the air. It will be less hot with trees around. Let people plant wherever they want
less focus on cars, but more focus on pedestrians and cyclists
Decarbonizing electricity; active transportation & transit; electric vehicle infrastructure; urban planning to de-prioritize private automobiles; waste is the third-largest source of emissions after buildings and transportation.
BASIC essential stay-alive stuff needs to be prioritized. Helping people gain personal capacity to take responsibility for themselves.
Help Calgary become self-reliant by driving down consumer demand for meat agriculture that demands a lot of water vs crops that uses less water. A corporate city property tax incentive to businesses that do remote work from home, recycle, use a sustainable lens, low-emissions, and a condo incentive to build flat roofs to convert to local greenhouses will help Calgary keep with the 100 km diet to drive down transportation demand, to then shop and eat locally.
Provide better public transportation. If buses were more widely used, they would cut emissions from transportation in 5 (E-buses would do even more). Biking is also extremely eco friendly. Every other environmental investment pales in comparison to the difference that an eco friendly transportation network would make.  We also shouldn't be spending \$2 Billion to remove 3 stoplights from Crowchild Trail. Let's spend that money finishing the Green line instead and building more BRT.
Revising bylaws to allow more scope for citizens and private organizations/companies to put in proactive measures. (e.g. greywater standards and permitting for reuse on private properties)
Improving active transportation options
More sustainable/active transportation infrastructure.
Active modes of transportation- turning roads into safe travel lanes for active modes of transportation



Regarding building infrastructure, we need to build more cycle/mobility lanes and transit infrastructure which encourages people to drive less. We should also be encouraging people to garden more at home or through community gardens to increase our food security. Plant more trees especially downtown to reduce the heat island effect and provide shade.
Start building up start removing pavement and adding trees.
Alternative transportation choices. I am forced to drive for most trips in this city. Focus on more frequent transit and build high quality cycling infrastructure throughout our city.
yes - where is the focus on making cycling in calgary communities safer? transportation emissions are huge, as well as health and wellness.
build out our cycletrack network so every. single. calgary residence has access to it no more than 500m away.
Implement eco-friendly technologies and standards to building codes and public spaces (solar panels, LEED, etc.). Put a larger focus on public transportation and bicycle pathways. Deter sprawl and car dependence.
Politicians not being held accountable for squandered tax dollars.
City needs more community hubs so people can walk to work, amenities.
Clear and transparent emergency plans
Banning single-use plastics. Increasing the ability of the city to recycle things such as plastic containers, such as the plastic shell containers food is often contained in.
As above, there is a huge role for the city in getting every building - private and publicly owned - to net zero through a web of regulation and incentives. That focus area means enabling hundreds of thousands of smaller projects under the control of multiple parties rather than managing far fewer huge projects that are under the city's control. The former is harder but needed and will take creative tools.
Strengthen emergency and first response capabilities (ER units, police, fire, and ambulance services, etc.).
No
Systemic solutions / robust public education campaign advocating for free public transit, a greatly expanded transit system, urban densification, community gardens, expanded bike lanes. Basically, you're putting it on us, when you've been elected to take bold action. Again, you can't solve systemic problems by putting the onus on individuals, and in fact the focus on individual action is a well-documented tactic polluters and other stakeholders use to avoid accountability.
These strategies for but for mitigation, not adaptation.
The same strategies and approach need to be focused on mitigation, which is potentially even more important than adaptation in the short run.
Advertise with signage, radio, TV, social media about the climate emergency. Be brave! This is the most important endeavor of our lives.

There isn't a big problem that the city needs to address. There are more significant issues, and money shouldn't be spent where there is no obvious benefit.
Yes - other environmental issues unrelated to climate change
the areas you listed are only for political stage
Empowering indigenous people who have long been advocates of protecting the environment, and improving public transit so we can make the city less car centric (hopefully more walkable) while expanding the greenspace in the city
We should be studying the actual risks to Calgary before we take any action. Have we commissioned any independent research projects from a neutral source to identify possible risks? If not, this is all a waste.
Fare-free transit.
Being concerned for the environment and its creatures and its future, natural water ways, land preservation protecting what's important, building fully affordable sustainable homes, green spaces quality of life has gone way down in calgary.
Reframe natural infrastructure as connected ecological network. Natural infrastructure in isolation allows for local ecosystem servicing but a connected series of large, minimally fragmented conserved open spaces joined throughout the city by stepping stone habitats and ecological corridors will provide greater longterm climate resilience and allow City of Calgary to be intentional and targeted in planning and managing for resilience. Development planning should occur on citywide/landscape scale
Can't think of anything.
Incentives/requirements to change individual and corporate behaviours that will reduce emissions.
Focus on reducing taxes on businesses, controlling spending, good governance and reducing bureaucracy ....
Yes, this survey is skewed to extreme flooding and heat, but misses the impacts of extreme snowfall or cold which poses a more direct/immediate risk to health and safety of all Calgarians. Preparing utilities and infrastructure (roads, mass transit, public spaces) for this weather will reduce injuries and risk of death and make the city more accessible for vulnerable Calgarians.
Emissions
Education of the average Calgarian as to what they can personally and legally do on their property to help
Common sense
"Community vulnerability" seems vague. Example: The new social housing mixed development in Rundle will have no air conditioning. This is not acceptable for housing vulnerable people. There are no solar panels planned. I also expect the heating will be natural gas and producing emissions. We have the technology but we aren't using it.
Why isn't the Mayor advocating for Wind generation in the City Landfills? It's super windy up on the SpyHill Landfill, why doesn't anyone advocate for putting huge Windmills on top of that site?



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Changes to bylaws and buildings codes so all new buildings are built to a better standard
YES! Reduce impacts that create extreme events - reliance on fossil fuels, consumerism, sprawl, monoculture, etc.
Émission reduction. Stop making the situation worse.
How did you come up with these categories - they seem somewhat random and overlapping. We need costs and benefits associated with each one. Once we have that, we can prioritize.
CoC incentives to citizens to be partners in climate change. Change can't just be a social action, it has to have tangible benefit for citizens.
Cycling infrastructure, growth in existing communities and allowing row houses and no parking minimums.
No
Focus on YYC basic needs instead of being a climate martyr. Our mayor declared a climate emergency when a lot of people aren't working, homeless is a record high, and infrastructure in the NE is crumbling. Stop virtue signalling! It's the talk of the town. If I could do a recall I seriously would.
See above.
Changing building standards for new construction and renovations.
Support for biodiversity. Using every bit of land to support native vegetation to support native plants, insects and the subsequent animal species that depend on them. Climate change can cause a dramatic shift in ecological communities. Conservation action needs to be recognized and maintained.
Justice & equity. This refers to those with lower financial means being more vulnerable and having fewer resources to work with. Start there. This is an opportunity to apply solutions first to low income housing and making sure it is adequate. Resilience is not survival of the fittest, it is about survival of community. City should have stepped in right away to speed settlement of insurance claims and help all get suitably improved roofing. City needs policies & readiness to act on such events.
Vehicle emissions
Working with communities and Calgarians to plant more trees, move to xeriscaping, fewer lawns, less concrete, etc.
Bike lanes and car share services.
way more subsidies to retrofit homes
Focus on housing as public health issue related to climate change, e.g. improving buildings for tenants to ensure a maximum indoor temp not exceeded during periods of extreme heat.
Ya Brains
Encourage reduction of carbon footprint through free transit, more bike and low energy mobility options.
We need for focus on community density design and STOP the urban sprawl!!
The approach of mitigation and adaptation is needed. I would focus on actions that both reduce emissions and allow us to adapt. For example green infrastructure (planting trees, wetlands) will do both.
Changing building codes.

As transit, transportation, and building heating is electrified, the reliability of the electric grid needs to be increased as it will become a concentrated point of failure for Calgarians energy usage. - The impact of density and transit on resilience. Air conditioning will be increasingly important as Calgary faces more heat waves. All air conditioners installed should also be heat pumps to be efficiently deploying electrified heating. Heat pumps cool and heat a building with the same unit.
No.
Identifying vulnerable groups (vulnerable populations, geographic areas, industries, etc.).
Climate change action.
The next focus is to reduce green house (GHG) emissions. We cannot only deal with the impact of climate change. We also need to reduce GHG
More and better public. I just moved in so I don't know what to expect
Traffic lights synchronization. If your computer people knew what they were doing, it should not be such a problem area, and one fraught with frustrations for motorists. You should also improve transit by making the ticket valid for more than 90 minutes. I have had a few friend tell me that on long trips from SW to NW or NE, the drivers of their final bus make them use another ticket, which is [removed]. These people are not stopping to shop or such, so you cannot use that as an excuse.
Focusing on exclusively the weather aspect of climate change is very narrow sighted. Doing more preventative measures like composting, reducing consumption, proper recycling education and practice. Community gardens, swap meets, garage sale parades. Creating more opportunities to not buy new products, the second hand industry must become primary. (Good Neighbour a fantastic example)
Working with the provincial govt. you may not like them but so much of this falls in their purview. Trying to take it on as a city may just spend a lot of money to do not much of anything, while diverting resources from essential city services.
I think a planning, development and growth management lens is required for this work. How is the city GROWING? Why is Council approving peripheral growth that increases the carbon footprint of our City and why is the established area subsidizing sprawl where residents are very car-reliant. I think this is something that urgently and honestly needs to be addressed in this city.
Education
Perhaps reducing our use of water and reusing/repairing items vs. continually buying more new things would make a small impact.
Pace of development. We must leave behind the old understanding that the point of everything is to maximize a return. Our economic frame is a distortion of what should be our objectives. Investment in smaller scale developments in walkable, sustainable communities will serve us much better and longer than encouraging sprawl developments and subsidizing large, global corporate investment. We must reclaim self-determination and control over the city we wish to create. Diversify in all ways
ACT as opposed to blah blah blah as per Greta Thunberg
Put restrictions on the amount of pollution that industry and individuals can produce.
Making climate change accessible to all Calgarians and buildings/establishments

Better building standards. The developers get away with building and selling the bare minimum to homeowners who are then on the hook when things aren't done properly and they are making lots of money doing it. They need more inspectors to make sure buildings are at least being built to code (they aren't always) and hold them accountable, not to mention future proofing the homes with better materials and heating / cooling systems.
I feel you could also encourage urban farming, where more rooftop gardens are around, and more tree planting to reduce urban jungle heating (cement retaining heat longer)
Transportation
Education on the smaller / easier things that people can do. Education on the biggest impact items that have lower costs as they are more accessible to people.
The city should be constantly maintaining our infrastructure instead of allowing it to deteriorate and building new infrastructures on flood plains, ie. event centre.
Only high end communities get lakes, and others bare fields. My community has play areas for kids, but what about a splash pond? What about those of us with no kids or sport involvement? These areas provide nothing for me. I drive across the city just to have a picnic. Where's the BBQ stands? Want a more inclusive society, start with park gathering points in the community. If we have to drive across the city, then gas emissions are up. Transit is not frequent enough in far out communities.
Community stations during extreme heat and cold.
Invest in greener technologies for waste management. Ban plastic utensils and takeout containers. If you can't recycle or compost them get rid of them. Increase compostable ability to compost bioplastics. Capture the methane produced by composting and use it for energy generation. Use carbon capture technology to limit exhaust from burning the methane.
More public transportation, less sprawl, more density
Restricting new builds on previously undeveloped land and focus on improving what is already within the city limits
Air quality
Reduce individual vehicle usage in the city by encouraging public transportation. Reduce parking availability and/or increase costs of vehicle usage. Build on land we have instead of annexing more land.
Maybe somebody could think of something, but really? For decades very intelligent people have been busy and frantically coming up with solutions. No need to reinvent the wheel.
Calgary has an artwork mandate for all of our large projects perhaps it would be wise to have a green space mandate instead. I don't care about fancy fish stone work on Glenmore trail, but there's no reason why we can't have more natural spaces with native species of plants.
nope

I want to have updates on what is being addressed, where the City is with achieving that focus, and whether the outcomes are beneficial or a learning experience. I think citizens are left out largely from communication from the City. It needs to be readily accessible and as public as possible - media, newspapers, brochures
You can stop spending lots of money
Accept that climate is shifting and let nature do it's job. calgary is already great at preserving natural info structures
Yes, study real science and not the manipulated and distorted climate modeling that leads to these incorrect conclusions.
We need better options for recycling within Canada; rather than sending overseas.
No
Lock up politicians in a room where they belong. Rooms with no windows and bars for walls.
The options focus on adaptation mostly, and not reducing emissions. Reducing emissions as priority will reduce the cost needed on adaptations by both the GHG reduction in Calgary, and also acting as a leader for other communities to follow.
Incentives to reduce energy consumption.
A program to allow all residents to participate
These are all very focused on water...heat is a problem in older homes
Cost controls by city hall including reducing spending on cycle paths that are barely used like most in beltline and the core.
Not enough mitigation is represented in the list. Where is the transportation modal shift -- replacing car trips with bike or transit trips. Burning of transportation fuels account for 30% of Calgary's GHGs. Where are the bike lane commitments? Transit-only lanes? Increasing transit frequency? Cancellation and abandonment of road-widening projects? Stop building parkades.
See above
Transportation - Reduce use of cars and car centric neighborhoods / stop building new roads / restoring natural assets / stop expanding Clagary - No more building in flood plains
Partner with businesses and communities to promote green ideas and programs.
[removed] find something other than oil and gas to brag about. are we really so one-sided in our talents? [removed]
I would recommend considering policies to allow people for managed retreats from areas if they become too difficult to inhabit residentially.
yes urban food production and other plant and soil based enhancements that could capture huge amounts of carbon each year by burning sunlight, also these features would give residents a wellness boost and provide valuable wildlife and pollinator habitat within a concrete and asphalt and glass urban setting



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Yes work on budget improvement's to save money - Calgary is NOT having a climate emergency compare us to New York or Los Angeles we are an amazing clean place to live.
Lowering taxes, and lessening the influence of municipal government
We need local control or at best regional control of our EMS police and emergency equipment NOT PROVINCIAL.. if we are code Red in November 2021 how are we going to safely manage an emergency
Common sense, see above.
Yeah... YOU'RE MISSING THE OPTION TO STOP!!!
Doing more for sustainable, ethical, and logical business practice, regardless of what the weather is like.
Nuclear power
I believe we need to have a cultural shift in our community. Communication and awareness is important to drive change in individuals.
Developing public transit more. Transportation account for a large portion of GHGs. Developing incentive programs for private property owners to retrofit property to be more energy efficient. Developing policy that has more rigorous and climate change oriented building regulations, in terms of energy efficiency and ecosystem services. Maybe all industrial, professional and multi-family developments need to include a certain amount and quality of green infrastructure. I.e. Trees and green roofs.
Yes. Non Vegetarian foods. Increase costs/tax for non Vegetarian foods. To reduce pollution. Highest greenhouse gases are emitted from cows.
I'm not sure. Again, I think expert consultation would be more important here.
Yes, a focus on essential services and getting away from vanity projects.
Bring community and City buildings and Fleet to have more natural energy and systems. More trees, regulation to stop paving of back yards and alleys. Need for more pervious surface.
I am concerned how the city can call a climate emergency yet not consider the environmental/health and cost to add unnecessary fluoride to the water supply which in itself causes avoidable environmental waste.
Taxing the rich into oblivion
Saving money. How about turning off downtown high rise lights, when they are empty? How about making them into housing for the needy?
Not any I know
The Airport and its related activities, mainly sources of pollution (air, noise).
Perhaps mental health support? Supports for Calgarians to create emergency preparedness kits?
Insurance seeds clouds, parks Canada should have addressed the beaver dam that caused the 2013 flood... beyond that, its calm here.
Ban foreign oil from Canada. Helps Alberta and the globe. Start measuring the carbon footprint Of EVERYTHING imported into Canada. Some "green" imports will suddenly NOT be Green. We can not solve global problems with local solutions.



Prepare individuals for climate action, provide individual Calgarians and families the capacity to prepare and address climate change and climate events.
I don't understand what type of natural disaster you're trying to prepare for. There are 8 different ones in question 1, my answer would be different depending on which type of natural disaster you're asking about. I don't see how any of these deal with snowfall (which is rare), wildfire smoke (which we have no control over). I answered based on flooding, which has happened, but I feel the city and province have already taken steps to do. This whole survey feels very biblical.
SYSTEMIC change in Calgary's contribution the deeply issue of climate change. How will we reduce greenhouse emissions? Waste? Redesign our cities to be more conducive to eco friendliness?
Work with communities to build better; figure out ways to improve our environment while reducing our carbon footprint
Yes. Economic development; stop catering to leftist propaganda
Holding these larger industries accountable as they are the ones causing this mess.
get rid of carbon tax
Lower taxes and stop taxing us to death
Wide-scale upgrading of power transmission networks in suburban areas, coupled with wide deployment of subsidized rooftop solar across suburban Calgary. Calgary is a solar energy goldilocks-zone and a city-lead project for wide deployment of rooftop solar would be a game changer. I humbly volunteer my community, Millrise, for the pilot project.
Not sure.
Reducing energy waste in municipal buildings .e.g the city hall is brightly lit on weekend days, when nobody is inside, except for few janitors. In these cases reduce the lights. The Crowfoot library shine like sun in the night - their lights are on. The Shouldice pool "lobby" has 55 lights that are constantly on, despite the fact that the sun shines. Workers there say there is no switch to turn them off. Same goes for heating empty or underused buildings.
Yes, cut taxes. We live in Calgary it's -14 I need to heat my house . Wind and solar are NOT the answer so quit fooling yourself. And learn how badly they Impact the environment .
Ending fear mongering by the Mayor and some of the councillors. End the fake Climate Emergency.
Building standards and codes that actually hold builders and developers to a high standard of climate action. Government needs to set higher mandatory standards and not wish for good will and for anyone to just do more than the bare minimum
Create homeowner incentive programs to allow more Calgarians to make impacts from their properties. Perhaps a joint Municipal-Provincial-Federal program to split the cost across more government budgets, and allow for higher incentives to gain a higher participation. It would be nice to see at least 50% of Calgary properties with rooftop solar, for example, to displace natural gas power generation.
Urban sprawl, LRT
Emergency operations group to help worst hit areas with recovery efforts
Planning Calgary's growth and development (e.g. new communities, industrial areas, downtown condos) to reduce the impacts of climate change
Wind. Calgary is a very windy place. Climate action should also include preparing for extreme wind events. This includes securing construction materials on high rise projects, pruning trees to minimize power line and structural damage, to name a few.

Yes-waste to energy! Look to Sweden as to ways to reduce landfill burying of refuse. We have a (virtually) endless supply of refuse that we can turn into energy to power COC buildings and sites.
1. Sprawl. Stop building homes outwards and overextending service lines. Compact neighbourhoods are resilient socioeconomically as well as environmentally. 2. All commercial buildings should be evaluated and graded on environmental standards.
Get people involved. It is everyone in the community that needs to help out, not just the city workers.
Reducing the amount of single-family homes and new communities in the far reaches of the City. These communities lack transit and are very inefficient compared to multi-family homes found in more central locations that have access to transit and amenities without having to drive 20 min.
How about doing your job and run the city. Keep the infrastructure running, make Calgary a great place to do business, raise a family. We need jobs, low taxes, good infrastructure. Leave global politics alone and stop wasting our money
?
Yes. There should be a focus area on restricting development to the existing urban footprint of the city. No more sprawl and low-density development.
Yes, stop the sprawl and invest in green transportation.
Densification. We need to make it harder to build out the City which adds to our footprint (physically and from a climate perspective).
Competence framework for extreme weather preparedness technology and innovation to avert extreme weather events Transparency on how Calgary gets support from the industries, other municipalities, the provincial government and the federal government (e.g. emergency energy reserves etc).
More EV charging stations, education for climate change denialist's, and a transition towards a coal-free electric grid.. like soon
Limits on urban sprawl, limits of driving gas/diesel powered vehicles, limits on airplane traffic

## Question 8a

*The following is a list of possible focus areas for climate action that will help us reduce greenhouse gas emissions in the community. Please rank these in order of which you believe the City of Calgary should place priority.*

Prioritization question.

*Briefly explain why you prioritized the above focus areas the way you did:*

As above - huge impact by managing energy demand
I think the city can have most impact making buildings more heat efficient. ZE vehicles will come as the technology becomes more available.
Heating/cooling of buildings create the most GHG emissions so you need to start there and work down the emissions scale. As you begin the work, the jobs will follow.
Concrete practical steps first

Given the amount of energy used by our buildings I think this ought to be our highest priority, perhaps even incentivizing technologies such as heat pumps over AC. And instead of focusing on endorsing car infrastructure for EVs, we should be working towards creating communities where we can get to our daily necessities via bike/walk/transit without a car (in the spirit of 15-minute cities). I believe this kind of direction from the city would help create the low carbon/green jobs
Buildings and transportation are major emitters. Focus efforts here.
Making buildings and transportation net-zero are the top priorities. In terms of transportation, what that primarily means is better, more intensive, more urban-village land use management
I believe providing more jobs is very important, but will probably follow from other focus areas I put higher. For example, improving performance of buildings and creating more renewable energy projects will naturally drive a demand for trades.
I believe the first three choices above are easily within the scope of the City of Calgary. I'm not so sure about the last two. I don't see the last choice as being within the scope of a city.
Buildings are presently the highest energy users and polluters with transportation being a close second; however, our energy supply could change the pollution rate dramatically. Energy efficiency also needs to be improved with retrofits and with enhanced building standards.
To be honest, my ranking was mostly a guess
I focused on what I believe will be the most impactful to reduce GHG's and also help with economic diversification
So many cars and not enough are 0 emissions. All of these areas are important.
By driving the industry, with job creation, making changes will happen (instead of forcing it).
This is Canada and our winters last 6-8 months. Expecting people to walk/bike all winter, or heat their home with non-existent solar or wind power when it's 30 below is not practical and does not create impact.
With my limited knowledge base and expertise it was the best I could do.
Reducing our reliance on non- renewable energy sources in order to offset our increased electrical usage in extreme heat or cold weather conditions could be positive for everyone.
Calgary needs to refocus away from dependence on oil and gas for many reasons
Transportation has some easy answers to reducing emissions and providing other options with a big impact (better infrastructure for bikes, the green line) and I think a focus on buildings could have a big impact as well. Especially to increase the standards for any new buildings so that they can't be build unless they comply with sustainable practices
Having ways for renewable resources/energy will allow for easier transition of the rest, such as employment etc
In order to be leaders of change you must demand the private sectors compliance. It is no longer optional
Buildings and vehicles are the biggest sources of emissions.
There is a lot of professional expertise in Calgary that can develop sustainable solutions.
We need to transform our lifestyle by getting around without private vehicles. We also need to get off of natural gas and onto renewable energy. We need to plan for a circular, regenerative, distributive economy where all Calgarians benefit and and see themselves in our future.
Enmax (owned by Calgarians) is a major energy provider and needs to lead. Climate change (+30 C/-40 C) will affect how we work/rest making hybrid and work and learn from home more common. When people do need to leave their homes, Vancouver is a leader in mass transit and walkability. Transportation is the largest source of ghg so EVs are logical. Even if buildings are not entirely efficient in energy performance, at least they will draw their power from renewables, making it not so bad.



# Climate Strategy Update

What We Heard: Verbatim  
Online Engagement Results – “Calgarians”  
March 2022

Building emit a significant amount of co2 we need to use IOT technology and alternative energy sources.
Buildings and residences are the greatest source of emissions, so improving efficiency in buildings should be a top priority. While electric vehicles are part of the solution, they still require costly infrastructure (roads, parking etc) that has a negative impact on city life. Vibrant cities support pedestrians and cyclists and have efficient, useable public transit. Calgary could do so much better.
All are good.
in order to get the buy in of a lot of people, jobs need to be created. I believe my two first points will do that.
Jobs will follow the projects. Priorities should be buildings, then transportation, then waste.
People will go green if it is affordable, easy and when we have an existing infrastructure then more jobs will be created. We are lazy. Otherwise people will continue to invest in affordable goods at Walmart that end up in the landfill to address basic needs and drive there to get them.
High carbon transport is the only time-effective way to get around most of Calgary right now. Transportation accounts for most of the emissions in our city. Providing low carbon alternatives is the #1 easiest way we can make a dent in emissions numbers, and it also has a HUGE amount of positive side effects (more financially viable cities, more livable, less polution, less noise pollution, less traffic accidents, etc)
My list is limited to the ones that the City can effectively contribute to (in my opinion). I have left wind, solar and zero-emissions vehicles off the list as (my opinion again) they are still not completely proven in terms of long term impacts and sustainability.
It is far beyond the mandate of the city to build solar and wind farms. Enmax perhaps but not the "city".
Buildings then transportation
More renewables and move away from actions that reinforce issues we have now.
The first two — building efficiency and transportation — are the major sources. Green Jobs will come from doing that work.
Expanding alternate transportation modes is one of the most affordable things to start doing right away.
Please give us protected bike lanes!
Calgary should invest in more renewable energy sources. Since Alberta has always heavily relied on oil and gas, it's important that we be using more environmentally-friendly energy sources and ones that we can use longer term. Buildings use lots of energy, so I think those should be a key focus.
emissions from building are #1 with transportation #2 - focus on those
It's the easiest way to implement change without putting the responsibility on the individual. Calgary is a divided city, and many don't believe we need to do anything at all about climate change. Make the changes instead of waiting for people to compost more.
This is a waste of my tax dollars
Again, I think these are all important. I put them in the order by perceived largest impact (factoring in impact in other areas- like quality of life, vibrant communities etc.)
We need to be proactive in our lifestyle choices.
Increasing jobs is a win-win for the city - we need more jobs to counteract the decline of oil and gas, and we need new clean ways of generating energy.
The last two are important but largely out of the City of Calgary's control (but for facilitating private and public charging infrastructure for vehicles). The renewable energy projects bit is also important, but I ranked it in the middle because it's good to know how the City's policies help or hinder, but you can't pay for them yourself and get as many as you need built built. Other parties are involved.

Calgary has to do its share to meet Canada's GHG and sustainability goals. Developing green industries and phasing out high carbon emitting industries is a top priority,
Ranking is according to GHG emissions sources and what city controls.
My favourite choices focus on large infrastructure / structural change. Zero-emissions cars contribute to sprawl, and are problematic in their own right. Recycling, meanwhile, feels largely removed from the problems of carbon emissions and sequestration.
Jobs and retrofits are both really important and hard to rank. I understand housing as the biggest greenhouse gases producer so it ranks high. I think there's a big opportunity in renewables, but it depends on prioritizing what is most effective.
I understand buildings to be the city's biggest source of emissions, and also to be an area that is hard to tackle unless stricter rules are enforced, and incentivizes offered by, local government. Once that big issue is addressed, we need to focus on growing the economy and seizing the opportunities of the low carbon economy.
The city needs to invest in getting people to leave their cars at home - improving pathways and connectivity so we can walk or bike to get groceries and enjoy the experience so it becomes our first choice. Making transit a viable option that's faster and enjoyable so again it's easy to choose over hoping in the car. City needs to share and celebrate economic reasons/outcomes for going green in simple inclusive language.
These are all necessary, can't choose which is most important.
I'm not sure about the relative Ghg emissions of buildings vs transportation but seasonality has an impact in our climate. Combustion vehicles are driven year round and fossil fuel heating is mostly in the winter. Both must be reduced and eliminated as quickly as possible. Good paying non fossil fuel jobs in Calgary will reduce the amount of negativity about taking action.
None of these are necessary at this time. They would be very expensive, and would have very limited benefits. The city needs to work on projects that are more than posturing.
None of these are useful, I would not like the city to spend any money on them except for increasing walkability
we need renewable energy for homes and businesses
better ways of building, better use of low cost renewable energy, and recycle more.
Solar and wind is intermittent power generation and the German experience is that it's lead to more coal fired power generation and an increase in green house gas emissions. Don't waste time and money on wind and solar.
Buildings account for a lot GHG, building them more in tune with the environment is good to address. Car centric infrastructure (even if it's electronic) is just not sustainable for the future, financially, environmentally or socially. I started working when I was 14 and I lived within 5 min of a bus stop, I credit that accessible mobility to success I've had as those jobs I able to get to helped me save up for uni but the city often feels hostile and inaccessible if not in a car.
I think all options are great for Calgary. However, having a program to improve performance of existing building paired with increased jobs would be great.
This is all mostly nonsense. But I had to rank somehow... while we need to address climate change, polling the audience instead of commissioning a research project by a proper consulting firm is silly.
The two biggest areas the city can make any impact on climate change are development and transportation. All choices should be made to make it simpler for people to live climate-friendly lives without having to invest a lot of effort. Use laws to make things better.
I don't believe in putting a band-aid on a existing problem but fixing it for the future
Concentrate on mitigation/diversion of contributing waste & overuse/reliance of Calgarians on polluting solutions, then prioritize implementing alternative eco friendly economies.

I believe not only Calgary but Alberta in general has a huge potential for renewable energy. Also, train workforce focused on renewable would be a very positive shift in our economy and energy matrix.
We need to reduce vehicle emissions - this includes incenting more people to use transit and making driving difficult and expensive. This is an opportunity also for Calgary to showcase leadership in the supply chain transportation system.
Urban sprawl in Calgary is ridiculous. It's unsustainable and imposes huge burdens on the tax base as the City ages. It also makes public transit unworkable. A 20 minute car ride can take over 2 hours on Calgary Transit. Public transit works well in dense areas like the old cities of Europe, or Hong Kong, Tokyo, etc., but since we've allowed developers to build this sprawling mess, we have little choice but to be a car-centric city, so at the risk of offending the "oil patch" incentivize EV's
the natural evolution of technology will address many of the "issues" ... if things are more efficient and less expensive people will adapt. Stop forcing issues and timelines at extreme expense with little global impact. JOBS and THE ECONOMY should be the most important goal.
Provincial and federal government policy includes a price in carbon, which is, by far, the most efficient way to reduce GHG emissions utilizing market forces. The city deciding to subsidize private businesses or citizens is neither efficient nor progressive. The city should focus on climate adaptation and prioritize the lowest carbon abatement cost opportunities, which includes energy efficiency.
First enhance alternative energy and jobs for buy in. Then look at communities. Then look at how we over consume.
Need to fix the problem for the long haul, not just the immediate future. Create healthy habits of an entire city
Walking or biking in Calgary when it's -30. Good luck with that. None of these options will do anything to reduce "weather events" unless you get China and India on board. All you will do is bankrupt the last Calgarians who are actually paying the bills.
Buildings have the highest emissions, followed by transport.
I would love to see some huge Windmills on top of the SpyHill Landfill...that location has to be one of the Windiest in the Province...
I think this is a chicken or the egg. If you create the demand for things like clean tech, solar, wind etc. by addressing the point I ranked #1-#4 then the jobs and projects will follow as there will be a demand.
We need reductions in using fossil fuels and polluting first, or renewable tech won't be able to keep up. Showing economic benefits of green economy will get more buy-in from holdouts. But then we need to stop burning fuels to heat our (now well-insulated) homes. Finally, diverting waste is less about landfills than manufacturing and wasting less. Transportation has high carbon costs, but Feds are already mandating EV by 2035, and equity demands low-income needs be met first.
Focus on enabling greener behaviour choices to be the most practical and easiest way.
Other than making buildings more energy efficient, I don't think the City should do anything else
Electricity is the largest source of emissions in Calgary, so I ranked renewable energy projects first. Next biggest GHGs is transportation (so: transit, cycling, EVs). Home heating with natural gas is the next largest source of GHGs in Calgary, so building performance needs to be improved (heat pumps?). New air conditioners must be discouraged--can we not build homes better so they don't require air conditioning (better insulation, eaves for shading windows)?
Calgary needs jobs and needs to be a leader in green jobs. We can do both, which will lead to better technology that can drive the other priorities.



EVs won't stop congestion - you still have to pay for road maintenance. Cycling is the way to go.
Transportation is our biggest producer of ghg. Transit, walking/biking, zero-e vehicles are needed to tackle this. More efficient and electrified heating for buildings should also be a priority.
Please don't do any of those. Literally all of those will make my life more expensive and inject a stupid city policy into my life where one is not needed. Pray tell, how is the city going to "increase green economy jobs?"
Bring back oil and gas.
How is a municipal government going to force citizens to drive electric cars? Not only is it out of their jurisdiction, we don't have the electrical infrastructure to support it.
If communities recognize the economic advantages of going green, there will be better and more widespread support for action. Creating incentives for zero or lower emissions should have a positive effect. Having usable, and cheap transportation infrastructure will make people more likely to use the greener options.
We are the truck & SUV capital of CA, and CA has the 3rd highest per capita GHGs. The need to decarbonize is clear and we have not prioritized renewables to replace O&G. Once we start doing the work, the jobs will obviously follow! We need the City's willpower. Financing and jobs follow naturally. Put \$\$ where the mouth is! This is far more important than a new arena. No more new buildings and roads till we are 100% climate ready! Start with the biggest hardest job.
Vehicle emissions are significant. I think Calgary is doing a great job of recycling and reducing the amount of waste put in the landfills.
Focus on highest impact emissions reductions first.
Need to move to clean electricity as soon as possible and must clean energy grid as a first priority to have biggest impact
Building stock takes a long time to replace, better start now
Each item is just another example where government increases taxes, increases cost, wastes my time, and generally make living in Calgary much more difficult.
Easy way to reduce ghg's and pollution is to start with reducing our own energy demands and waste generation. City can help by providing reliable opportunities, particularly for transportation.
GHG is urgent. Also, look to other provinces like Nova Scotia--they've been diverting more waste from landfill for decades.
These areas miss the point and will have minimum impact
Jobs will naturally increase as all the other items are met.
Prefer direct impacts such as encouraging net zero building, as opposed to an indirect approach of increasing jobs in sector.
Got to get better buildings and greener energy generation
Cause i have a brain
These are all important but I would like to see the city reduce its overall emissions
Worry less about increasing single occupant electric vehicles on the roads and make public transit a better more accessible option.
Alberta/Calgary has to change its focus on non-renewables and provide the incentives to do so.
We need to be leaders in becoming a green city. We also need to make sure that every new air conditioner installed is ALSO a heat pump!. That only makes sense!
I don't want to drive, better infrastructure would make it easier to bike or take transit. Add energy efficiency projects and the jobs will follow.
The actions flow from what is generating the biggest emissions.



Waste is not a significant source of GHGs. Wind and Solar are key climate mitigation technologies but have the most potential outside the city limits. In Calgary Solar is important but Wind and Solar should be focused on in general not simply inside the city limits. Vehicles and building heating are the two biggest sources of GHGs outside of electricity and are thus ranked highest.
Fostering the expansion of green / carbon zero industries in Calgary would provide jobs for Calgarians outside of the oil and gas sector, which could have larger-scale effects on CO2 emissions. Improving energy performance in buildings can allow for significant reductions in GHG emissions while reducing costs to Calgarians in the long-term. Encouraging zero-emissions vehicles requires less up-front capital than overhauling an entire transit system to meet the needs of citizens.
Buildings seem to have the biggest impact on our ghg emissions, especially given our climate.
I believe these are areas that can be addressed quickly and have significant impact. I am not sure if Calgary has the ability to increase # of zero-emissions vehicles, other than their own fleet.
My ranking is based on what I think emits more GHG or has the highest potential to reduce GHG. It could well be off so this ranking should be based on the real data.
They all are good let's start them at small scale and see what scales
Because you still do not list areas that you could actually do something about, but those are not things the City wants to hear
During economic pressures, we don't need to add employees, I would be in favour of one green job for a reduction of one job in other areas
Accessible eco friendly transportation is so important for all members of society. The emissions produced in the manufacturing of items to just end up in the ground for eternity will then cause more pollution. This must be addressed. The more affordable access to renewable energy the more it will contribute to losing carbon emissions and depletion of resources.
Zero emissions vehicles - no such thing in AB without a green grid. That's a coal powered Tesla that will make our electrical grid worse if we add a whole bunch at once. Please do not focus here!
Household and construction waste minimization is a priority area for me as is enhancing the innovation sector in Calgary.
This is not an emergency.
The biggest barrier to lowering emissions is that people are worried about their jobs and livelihood. We need jobs and we need renewable projects apparent in the city
It seems to me that Zero emissions would be highly desirable. I worry that the only way to get buy in from a community so focused on the oil and gas industry would be to ensure there are good jobs available as an alternative. Also, for people to leave their cars at home more, they need affordable public transportation to manage.
My first response will not surprise you, they must all be done simultaneously if any real progress will be seen in time. Regulation on who is financially responsibility for pollution in all forms is critical. Those who profit should be responsible for the 'cost' of polluting. Back to quality of design. Localize as much as possible services and resources. A lot of this will happen naturally if addressing what is needed for individuals to live a less carbon intensive life.
rank how ?????????? ... doesn't work ... pathetic
I ranked transit, active transportation, jobs, and renewables projects highly because they serve double duty, ie, they are good for the environment but they also improve Calgary regardless of climate change. Zero-emissions vehicles are low because they don't help solve other problems (traffic congestion, safety, etc) and because they take a long time before they even break even for being better than gas vehicles.

Winter is a constant in Canada, we need to do better during colder months. Calgary's urban sprawl makes it challenging not own a car. People need to learn to do better in their homes and need real impactful and practical solutions on how they can make an impact. Too many competing messages, prioritize key elements on what people should do to make an impact. Commit future generations to technology advancement . Renewable energy in place before low emission cars.
It is not the city's job to worry about creating jobs or improving the economy. Set the standards, the rules of play, and the economic activity will follow the opportunity.
As someone with a environmental degree, I feel transit is great to reduce vehicle exhaust, but the cost of it is increasing to the point it is inaccessible and not worth using. Solar and wind are okay but I have issues. Wind power farms have an extreme negative impact on mental health and have been known to migratory flying animals, and only last 30ish years. The issue with solar is that you have to develop technology that converts it into stored energy as it only works when the sun is out.
Calgarians care about jobs. Thats our culture. We need to get buy in from Calgarians by showing that climate action does not kill the economy. Building infrastructure upgrades are a long term goal.
Heating empty downtown building costs lots of money.
Battery manufacturing green?? WTF have you not even looked at the pollution and life cycle impacts of batteries? They are waay worse that fossil fuels.. especially clean coal or natural gas. Brutal understanding you folks have..
calgarians are concerned about jobs and the economy. if you want succesful climate actions, using this framing would oikely be the most successful solution with the most support.
I think using electric cars is a great way to help the earth. If more people do that it would become more affordable
I think all of these are great priorities and think implementing any would be positive.
In fact they all go together. It is difficult to prioritise, but buildings seem to be the biggest emitters, so start there
We are challenged by our cold weather and heating buildings and homes. I have concerns about our infrastructure for electric vehicles. When most of Albertas electricity comes from natural gas and coal, I'm concerned electric vehicles full cycle are not as good for the environment as everyone is saying.
There is nothing to rank here as they are all costing money. Save money!
Producing more power sustainably will reduce the overall production of green house gasses, improving old buildings to be more green reduces waste of energy and makes them safer, reduction of waste entering the landfill means that there is also more viable land for agriculture.
We get wind and we get sun. Lots of it. Let's use it.
We need to reduce the energy we use to heat and cool our homes and businesses. People should have better, safer options for transportation so they can get out of the arrogant mindset that cars are the only way to travel and there should be no one else on the roads or sidewalks
I think focusing on creating jobs in the green economy will get buying from the populace. I think creating an ecosystem of green retrofit jobs will do that period. But I also think having power infrastructure done at larger scale would create better energy grid stability and better cost electricity. When it comes to transit I think ideally people should be taking public or self powered but calg is too big and people need e cars.
Vehicle emissions shorten lives.
No more city expansion.
This isn't a city councils business to make people go 'green!'

This is nonsense
Buildings are the biggest energy user in Canada and we need to improve our buildings to reduce that. We also need to focus on implementing more bylaws that encourage compostable products and educate Calgarians more on what is recyclable/compostable/waste.
Calgary has been built with the vehicle in mind. Now we are realizing that mindset is expensive for infrastructure costs, currently public transit is a hard sell when emphasis has been on vehicle use. Families have two more vehicles and that amount increases when there's more in migration.
A great transit system in Calgary could decrease the number of cars on the road and allow the city to grow within its existing infrastructure limits. Improving energy performance of buildings would go a long way toward reducing Calgary's emissions.
We're already doing pretty good on waste in Calgary. Need to ramp clean energy, building retrofitting, encouragement for EVs....
Seemed logical to me.
Zero emission vehicles are misconception. The creation of the battery itself is horrible for the environment and relies on open mines. After several years those batteries need to be disposed of. Currently there's no clean process to do so.
EVs are a viable option at this point and the City is in a position to promote, require and assist with installation of EV charging infrastructure, easing (needless) worry about being able to charge an EV. This can make a huge difference in EV adoption. Once you get on board with one piece of climate-happy tech, you're more likely to embrace more of it ("wait I could make my own power for my car at my house for basically free? Yeah I want that")...
Cheapest. Are you going to tax gas for vehicles. Ban houses, ban gas cars and trucks
I am not sure that we will have sufficient energy sources for our needs during the year. Short days in winter, unreliable winds, etc. could reduce available energy that is available.
You can make sure ALL builders build green and help have a fair contractor that can do multiple issues
Zero emissions vehicles do not work well in the temperatures we live in. The amount of energy required to produce and run electric vehicles makes no savings.
This is a joke
Transportation and buildings generate the most carbon so they are the highest priorities. Renewable energy is not only needed functionally to diversify our energy supply, but it will also signal to foreign investors that Calgary is ready to expand on green energy projects. Job creation should be prioritized above making existing vehicles carbon neutral. Landfills, while important, I don't believe are in danger of filling up any time soon.
Keep city hall out of areas where they don't belong. Stay in your lane.
Focusing on emissions reduction solutions (efficiency, renewables, ZEV) will automatically spur the green economic sector.
Aside from having an environmental impact, increased and more accessible transit has an important social impact as well.
We need to focus on having less of an impact with what we already have. EVs are still terrible for the environment and encourage sprawl.
They are all important!
Priority on what the city can do, and the rest is results of that actions, like more jobs and demand for more vehicles if the infrastructure is there.

Lowest hanging and cheapest fruit first. Every trip taken on foot or bike reduces emissions and minimizes the need for more transport infrastructure. Then efficiency improvements and then more high tech (and costly solutions)
job creation will follow from other things, so no need to prioritize. getting people out of their cars is the most important thing.
I don't agree with any of these as a priority for the City of Calgary except for your own operations.
Low carbon transportation needs to be emphasis. Calgary is lacking in safe, on-street micro-mobility infrastructure outside the core. We must do better, and it is indeed where the biggest gains can be made in GHG reduction. Electric cars won't save us: still bad for congestion, still require massive space to drive and store, emit harmful particulate (brake and tires).
EV's are not the answer, less cars are. The amount of roads we have and the reliance on automobile are a serious problem. All climate scientists say this. It is unclear how this isn't registering with the city. It's ridiculous that after declaring a climate emergency, you have announced raising the cost of public transportation. It's embarrassing.
We need jobs to replace those lost in the decimation of our petroleum industry. Although liberals seem to have a poor grasp on economics, without a healthy tax base, you will not have the revenue to support other initiatives. You cannot have a lowered mean income of Calgarians, raise taxes and think anything else would be sustainable.
All seem important
Creating jobs and inspiring innovation is the key forward. Great minds that work together can get things done more efficiently. Improving buildings and such to meet higher standards is a task but is doable. The real task is upgrading our infrastructure to handle more electrical or hybrid vehicles as we are no where near ready to completely switch over. Solar and wind are good options to add power and on top of buildings is perfect for that.
We live in a cold country. We need fuels to heat our homes, power our businesses and live.
Stop spending money when there are better ways cheaper ways
Things like buildings are a constant source of emissions. Improving efficiency works everyday of the year. Large roofs can also provide space for solar panels
Private automobiles, free parking and endless expansion of Calgary's road network needs to be looked at.
I don't think the city's mandate should encompass GHG reductions, nor do I think these options are going to be particularly successful if spearheaded by any municipality.
None of that will make a difference.
Transportation is a key sector to focus on; I also support renewable energy.
Those are the ones that I think the city can penalise it's citizens less.
Studies say most GHG emissions in Calgary are linked to heating and lighting etc. buildings. This is a good place to start and there is a lot of tech that can be used and retrofits that can be accomplished. Public transit is good on paper but not a pleasant experience on the ground so that needs improvement before just adding more electric vehicles.
The Green line needs to be a priority, After that Work on Efficiencies do not start new projects we can not afford.
I believe the building sector is our highest source of GHGs in Calgary. Low carbon transportation infrastructure cost-effective, and these modes have ancillary health benefits. I placed ZEVs last because that simple switch does not reduce the number of vehicles on the roads.



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I already mentioned I am struggling to use transit, and I am retired with supposedly all the time in the world. .
Again, common sense, low hanging fruit that is simple to achieve and measure outcomes.
Without clean electricity, electric cars are a total waste.
Green jobs include most of the rest of the stuff on the list. If the damage from pollution could be put to a price, the market would choose clean energy
Jobs are important. Emissions aren't
Our first priority must be to reduce emissions. Work and jobs will naturally follow
None of these will solve anything
It is not your place to regulate the building industry that is Federal/Provincial.
The highest percentages of emissions come from the transportation and building sectors. Access to low carbon public transit is not an option in many parts of the city, therefore many people must drive individual vehicles to get around. Calgary building stock is also very behind as it relates to energy efficiency and low carbon energy use
Based on the priorities that I think the City can realistically control
Clean tech is the way to go.
Building heating and cooling is primary source of GHGs in Canada. Transportation is second highest. Zero emission personal vehicles (I'm assuming electric?) are only less environmentally impactful if we transition our electricity to renewable resources. Currently almost half of electricity in Alberta is generated by burning coal. Reducing water is also important. Options ranked as 1, 2 and 3, will naturally result in job creation in the green economy sector.
To reduce pollution through vehicles and infrastructure projects. Increase transit and transit services and usage. Make transit usage free of charge.
Transit access is paramount to reducing the amount of cars on the road in general. I don't think it's worth increasing the amount of zero-emissions vehicles on the roads when there are already too many vehicles. We should reduce first.
Improved efficiency saves tax dollars. Attracting jobs and investment in any sector is a positive. The rest are not something the municipal government should be focussing on.
Efficient mass transportation can help reduce single occupant cars on the road, which causes traffic that contributes to greenhouse gas emissions.
We need to be building to passive house standards
Calgary needs jobs so that we can afford to upgrade facilities. Need wind/solar on public buildings and use park space too. Start with City's fleet first - don't expect citizens to give up their diesel trucks unless The City gets rid of all their diesel vehicles first.
enough food traffic spots in Calgary. You are killing downtown..stop parking rates. Make downtown a place people want to go to
n/a
The way I understand how to reduce carbon emissions
NEw buildings should have all possible low carbon technologies incorporated into the them, but don't waste time retrofiting. Grandfathering in old tech to new building codes will be important.
I'll explain the final choice. Stop taking away existing asphalt infrastructure for these projects. It only creates longer distances and increased idling for commuters to travel. All the buses in the world won't help me to get to work.

The city has to start focusing on prioritizing people over cars (even electric ones). Great cities are founded on multi-modal transportation networks prioritizing public transit, walking, and bikes (even in the winter). This is the most cost effective way of reaching our climate goals.
Again, this is a spectacular waste of resources. Put it into social services and help the less fortunate.
Wind and solar is unreliable, expensive and has a terrible carbon footprint.
efficiency and addressing what is in place now, then look to green the grid. Follow by addressing the other sectors with great impacts on GHG emissions (transportation and waste). These actions should incentivize the job market to shift towards low carbon and the green economy sector.
I see no priority because the city already does a lot of these well.
Zero-emissions vehicles sound nice, but given that our electricity largely comes from coal, the emissions are still happening even if we use electric vehicles. Need to improve the larger infrastructure in terms of cleaner electricity sources before that route will have it's full effect.
ALL OF THESE MUST BE DONE IF WE REALY TAKE CLIMATE CHANGE SERIOUSLY
Most residents use transportation daily. Therefore that would have the most immediate impact on GHG emissions.
I believe we have to push away from oil and gas and focus more on renewable energy. We should also be a city that is more walkable, which will tighten the bonds in our communities.
Bike lanes are a terrible idea
Focus first on practical, proven solutions, rather than unproven, high risky schemes that require massive subsidies from taxpayers.
Energy efficiency improvements is the low-hanging fruit that is achievable and creates jobs. Renewable energy projects is similarly beneficial but requires some improved infrastructure, but likewise creates jobs. Low-carbon transportation is difficult in a city built for cars like Calgary, but i'm sure brighter minds than mine can find equitable solutions to apply across the city. If the first few options happen, green jobs will also grow naturally.
Renewable energy resources are important .
Ideally, you should do the first four at the same time. The last is a small contributor, according to your charts.
I prioritized non of yours. They are not the answer. Alberta has the most I Clean and ethical oil and gas. Start supporting the industry . Your an embarrassment
Only reducing waste from entering landfills will actually do anything to help our environment. The rest is politics with no science backing.
While increasing the number* of zero-emissions vehicles would have a large (positive) impact, I see it lying more so in the hands of individuals (of personal choice) than with the City. That said, improving transit is critical.  *I'd modify that to "the percentage," as simply adding more vehicles without converting/replacing high-emissions vehicles will not address the problem.
Zero emissions vehicles mean nothing if you're still sprawling out and spending millions on roads. Zero emissions vehicles are also not accessible to everyone. We need a robust and reliable transit network to get people off driving. We need bike and better pedestrian infrastructure to make active mode travel as easy as possible.
Buildings consume a lot of energy, as do vehicles. And renewable energy projects will create significant jobs, ensuring that diversification of our economy continues.



Wind farms hurt bat and bird populations - lets not do that. Harvesting bio fuels hurts the natural areas they are harvested from - lets not do that either.
City should not be trying to increase number of electric vehicles on the road. That is the job of the free market economy.
None of these should be done!
useless. the city can't increase jobs in low tech etc, and nor should they as it is not what a municipal government does. calgary has a huge footprint, vehicles are here to stay, stop pushing your failed transit, slow-cycles and walking. We already limit waste (and pay double for it). what a useless mayor and council we elected that brought all this on.
I was given a set of bad ideas and asked in which order should we prioritize these bad ideas. I was not given the option to pick none of the above.
ordered by actions that would provide the largest impact now and into the future
If we can build greener homes/buildings we can also reimagine structural resilience.
Technology is the solution, not social engineering. This begins with improving the energy efficiency of existing technologies (eg. natural gas fired power plants replacing coal fired power plants). Solar and wind will never generate enough energy to power a modern economy. Nuclear energy is likely the only realistic replacement for fossil fuels. You can't force people to stop driving. Don't appreciate transportation social engineering by city. Reducing vehicle carbon emissions more realistic.
Zero Emissions vehicles is dependent on the electricity source. If primarily from coal, Zero emissions vehicles have a significantly reduced benefit.
Increasing renewable energy projects also creates more jobs. It also provides the energy for "zero emission vehicles" which are currently powered by electricity produced in coal and natural gas plants.
A cultural shift needs to happen. People will care more about their earning ability than oil and gas in the years ahead, so we need to pivot our workforce to become an energy province and help people make the transition. Public transport is more effective than private transport when developed, most people have travelled to cities in the world where it is easier to get around. We should be processing our own wastes locally. Visible changes that everyone can buy into makes cc denial irrelevant
I don't agree with doing anything that I didn't select.
I have noticed whenever the city builds more bike paths, more people ride there bikes on them. Its a start
Reducing waste should be a big focus. I don't see the benefit of electric vehicles when the electricity comes from sources such as coal and natural gas - this isn't actually helping, just moving the pollution to another part of the province.
All the rest are a waste of time and money that will do nothing for the climate for reasons that I don't have room for here. Look after jobs, infrastructure and taxes, literally what you were elected for.
Incentivizing popularity of green technology is the best way to have it adopted. As technology grows in popularity, its affordability and quality improve exponentially.
Energy generation must be sustainable. Building must be retrofitted to reduce CO2. Public transport must be improved to increase use. A green-thinking workforce might make Calgary a forerunner in greenness. I read that garbage is only responsible for 1% of CO2, but garbage will be around for a long time and is ever increasing. Zero-emissions vehicles are very expensive, have limited range and require inordinately long to recharge (batteries use destructive lithium mining): I couldn't afford one.

The ranking is based on what I perceive as opportunity to create systemic change. Hence, low-carbon transportation modes is ranked first (ZEV are great, but nonetheless incentivize low-density development, which is still inherently carbon-intensive).
Building and vehicle emissions are the biggest issue, and we need to a) have more efficient buildings, and b) have better mobility options. We have to change our behaviours.
Wow none of which help with GHG that your after (Solar and wind carry there own carbon foot print). . Make transit free and stop charging for parking at train stations. If you want people to use make it free. Trains were busier when federal government had free or reduced taxes with purchase of transit passes. All the homeless people already do ride for free but only people that ride the train for work get charged for ride the train without a pass (usually done by accident).
We need to make it harder to keep expanding our City. We need to keep densifying. We can spend the infrastructure dollars on trains rather than roads and utilities in far flung neighborhoods.
It makes sense from my point of view
These solutions are the poor attempts I mentioned earlier. Wind and solar are inefficient, expensive and environmentally destructive; which is the opposite of the goal to “protect the earth and environment”, no?
Same effort vs efficacy matrix
Ppl complain need money and need to transition out of oil sect. more green jobs solves that. More EV's are needed but we also need the renewable energy to POWER them so we are not running EV's off of coal. Building are a huge contributor and easy to retrofit with heat pumps instead of natural gas. Vast majority of our city is vehicle dependant so low carbon transport is only convenient for urban center citizens.
The local impacts of climate change are almost non-existent vs. International factors. Do not waste local money until something is agreed to internationally.
Transitioning to a green and sustainable economy needs to be a top priority.

## Question 8b

*Is there anything missing?*

Seed affordable fast charging infrastructure for electric vehicles.
Cap expansion and development. Get out from under the developers lobby! Address driving, roads, and so on. slow this city down. Renew inner city and actually work on density.
Adapting existing communities (not building new ones!) to decrease carbon-intensive activities such as driving
Animal agriculture is the main culprit, why is this being ignored in all of this?
Managing demand. The climate can not afford our lifestyles. Governments need to do everything they can to make it possible for people to be able 1) to be safe, financially secure, and happy in more compact accommodation & 2) to meet their daily needs without resorting to a car. Governments also need to rightsize taxes and fees by introducing, for example, progressive utility rates based on consumption, fees charged to floodplain landowners for flood protection, and road user fees.

I think the most important focus of the city should be on reducing urban sprawl by way of the planning process. Sprawl tends to involve larger houses and certainly greater transportation needs; therefore, it drives an increase in greenhouse gas production by both buildings and vehicles. Besides that, I don't believe it provides the best means of developing more sense of community. That being said, I think there is room for more creative forms of "densification".
I'm not sufficiently knowledgeable to suggest
Yes ... we need infrastructure to support the use of electric vehicles. Charging stations need to be easily accessible and conveniently placed ... everywhere!
Animal agriculture
I don't see regulation of energy activity and cleanups in here nor do I see a discussion of corporate responsibility in shouldering the costs.
Yes - we should be encouraging fossil fuel companies who are reducing their emissions and diversifying, not trying to eliminate those companies. This is important from an energy security point of view and there are many other needs for these products such as producing fertilizer. There needs to be a transition plan for the energy side of this. We are an energy city and let's capitalize on that.
Urban planning and development. There is a need to reduce urban sprawl and increase density
Policy linked to specific timelines to reduce carbon based energy use in heating and transportation.
Seriously look at a sustainable lifestyle for all Calgarians within planetary boundaries while not letting any Calgarians fall below a social foundation. "Well-being for Calgarians and the planet"
Aggressively attract low carbon businesses to Calgary. Reduce property taxes for these businesses, cut red tape. Work with the province and the feds to give more deductions, better loan terms, reduce income and payroll tax rates for these businesses. Low carbon economy is the future. Stop talking about CC & S. No one is fooled by it. Fossil fuel companies just want to use it as a crutch to burn more carbon. This doesn't give the City of Calgary any credibility.
Yes! Stop the sprawl!
Urban planning to increase 15-minute neighbourhoods; transit that connects neighbourhoods as well as downtown
YES localizing food production. Going low tech as much as possible. Simplify. Mental and emotional health!!! Planning, permits and our role as consumers- we have an ability to change our behavior if we demonstrate how a low-emissions diet, refusing goods, eating locally are healthy, better for our environment, local economy and vs a meat/dairy based diet, fast fashion and buying on amazon. Explore affordable innovative building design, codes & permits that cost less for people to live simply. It cost less to keep a mansion vs affordable permits to tear down to build green townhomes on the same spot.
Low tech solutions? Encourage gardening, tree planting, parks, design for less pavement etc.



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We have got to stop building our streets so wide and putting a priority on driving infrastructure. We have a ton of pavement everywhere. We need to instead preserve green areas, plant more trees, bring back waterways that have been covered up, explore green building more and expand our parks.
The biggest barrier to cycling is lack of safe corridors. Change the priority of infrastructure dollars
The mayor is terrible at her job
Within these areas keeping an eye on how they can impact/benefit vulnerable populations, advance reconciliation, and advance other social justice/vibrant community goals.
Community-owned district energy and heading projects
Environmental education - Calgarians, especially those who are addicted to the oil and gas industry - need to appreciate earth-friendlier alternatives. This means culture change.
No
Natural infrastructure and carbon sinks.
Development and planning with a climate inclusive and equity focused lens.
How to involve and engage the youth voice. Importance of hearing from industry and universities in Calgary who are leaders in climate action and change.
Other environmental issues not related to climate change
EVs are personal choice
Nuclear power is the 100% carbon free and is the future. Politicians and the Luddites that they're beholden to are the problem as it's not as carbon free electricity generation is not a technological problem.
Improve mid-density/mixed use zoning/walkability/reduce urban sprawl: Would reduce car congestion/GHG/deforestation/noise pollution/land/health costs/invest in climate resilience instead of sprawling infrastructure and services maintenance. Decarbonize electricity grid. Taking the bus feels like a punishment for being poor, expand/improve: bus lanes/right of way, frequency, bus stop benches and shelters, LRT, sidewalks, smartcard pass(Edmonton/Red Deer have them), electrify bus and LRT.
Making traffic flow more smoothly would increase efficiency of the entire Canadian fleet and reduce emissions. Look into how you can make intersections 'smarter'.
Fare-free transit.
We need to do less building and more preserving, we really need to put a cap on building, example for every 100 homes built allow 20 acres of green space, only allow new building to be built that are fully sustainable, solar power, geothermal energy powered, ect...im sure the home builders have the money to do this.
Conservation of native habitats/minimally impacted high quality natural spaces and their associated plant communities (prairie, wetland and treed areas) for carbon sequestration, urban cooling, biodiversity, climate change/species' range shifts, etc. - this should top the list as "Reduce" does in the recycling practice of "Reduce, Reuse and Recycle."
Reducing industry emissions from buildings, operations, and transportation.
The City of Calgary should sell Enmax's power generation assets, getting Calgarians out of the competitive power market. Proceeds from the sale of merchant assets could be allocated climate resilient and low carbon infrastructure.

Common sense. Canada is 1.6% of global emissions. Stop virtue signalling and trying to take us back to the Stone Age.
We need infrastructure to support the zero-emissions vehicles. There aren't enough fast chargers for people who have no charging at home. Can solar and wind be put on the roofs of most buildings, along with vegetation? Can homes produce wind energy with suitable quiet bird-friendly systems?
Zero interest loans for Solar panels and forever maintenance costs on every home in Calgary...
Corporate responsibility in climate action. I can't control if a shady builder or business in an industrial park is taking proactive climate protection steps. But the city needs to. Also, refusal to support "alternate" energy projects like carbon sequestration which increase oil production.
Decarbonize enmax.
Why don't you provide information about the percentage of GHG reduction that each initiative would generate, and the associated cost? I would prioritize according to a cost benefit analysis. Providing these items without any such context for prioritization is meaningless. To be frank, this entire questionnaire seems like it was written by a high school student. It's missing key information to make any informed decisions.
New homes are too large and therefore resource-intensive, in both the suburbs and the gentrifying inner city neighbourhoods. Why is density only considered good for some neighbourhoods and not others?
Growth in existing communities and stopping new community development.
Better urban planning, follow the european city models. Calgary is way too car focused. Encourage remote working to reduce commuting
Oil and gas feeds people and keeps good jobs in Alberta. Going green is a fairytale that only feeds a few.
Focus on reducing property taxes and stop inventing ways to spend more.
Construction standards for net zero and passive housing.
Create an infrastructure to allow individual households the ability to sell excess power back to the grid and easily incorporate any solar/wind energy generating tech into their individual household/power system and billing system.
Urgency. Identify the least costly and most readily available proven renewable energy and ramp it up to 100%. Consider past investments past. Spilled milk so to say. They were good then, we need something different now. We all have elders. 600+ died last summer, cooked. That is suffering. Many more were traumatized and lost their homes and all assets in catastrophic weather events. We breathed smoke while it covered everything outdoors, where we love to be last summer. See the job to do, do it!
Vehicles should be emission tested before registration is issued.
This survey is another example of completely biased and one-side questionnaire. Any conclusions are guaranteed to increase wasteful and expensive spending by government. There will never be a meaningful way to measure success and failure will never be disclosed. Opposing ideas or thoughts will be ignored and ridiculed.
1. Built environment, i.e. development policies that reduce sprawl and focus more on community scaled amenities, i.e. modest increase in density that supports transit, cycling and walking, while reducing need for massive road infrastructure/roadway widening and discouraging large single family homes. 2. Education resources for Calgarians to improve energy efficiency.



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Helping private citizens access solar panels, heat pumps etc through loan interest loans and tax incentives. As well, need to ensure that companies understand this tech and are able to market and install.
yes-- Enmax needs to decarbonize.
There is no such thing as a zero emission vehicle ....and you can't just add EVs without large infrastructure commitments to increase load...
Reduce the greenhouse gas production associated with electricity distribution and transmission.
Increase availability of electric charging stations in all areas of the city.
Change our economy: Stop us buying tons plastic junk and polyester clothes and short-lived electronics that break and end up in landfill.
Electricity is a source of GHG, need to focus on decarbonizing Enmax. Need to ensure there are adequate charging stations for electric vehicles in the future.
What is the city doing about Enmax and it's GHGs? What is the path to de-carbonizing it?
Common sense
Neighbourhood densification.
Stop building out. It is challenging enough to retrofit a City, so we need to stop sprawl. Climate change action is so critical, I'm very happy that the new Mayor and Council called a Climate Crisis as this reflects reality.
ENMAX - moving ENMAX to 100% renewable would seem to be the biggest lever the city could pull on GHG.
Decarbonize the electricity that Calgary uses. The city owns the primary source of electricity in Calgary, ENMAX, and the new climate strategy *must* focus on ENMAX's role in decarbonizing electricity whether in Calgary's borders or outside. The location of wind and solar facilities is not important as long as they connected economically to the city! - ENMAX also plays a key role in preparing the city to have 100% new vehicle sales be electric by 2035 and 50% by 2030. - Density.
No
How does the City of Calgary work with the Province and Utility to green the electricity grid. I would think that would be a significant impact on ghg emissions.
Limiting the amount of sprawl and focusing on increased density. Having building codes that limit the amount of space devoted to parking (would increase density & increase land permeability). Reduce amount of idling in vehicles (somehow)
Read my comments
Information spread for simple ways to do these things. Compost, reduce, reuse, buy in bulk, shop local! Shopping local not only boosts your local economy but reducing the carbon footprint of what you are buying.
Enmax.
Growth management and sustainable urban planning.





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Focus on Calgary. Not Mayors agenda.
stop feeding misinformation on the climate crisis to citizens ... a council approved 2011 climate target completely missed ... like a grade 8 student failing at school -- City gets an F, and that's my daughter's rating as well as mine
Overall education on what each item is and how it helps.
Kind of captured in eliminating waste, but consumption is the massive elephant in the room. Building and buying everything new all the time is unsustainable. Maybe support community groups and businesses who have a circular approach to the economy and material cycles and business. Also where is food production?
You could focus on urban farming and promoting more community engagement on planting and gardening.
Nuclear Power!! To be included, wind and solar cannot sustain by itself
Planning - increase densification and reduce urban sprawl
Perhaps focus on maximizing tax payer value for their money instead of another useless project outside of councils control or knowledge.
Reduce urban sprawl
Yup, one that does not spend money!
Increase education about the recycling and composting systems within the city and use social media to post easy ways to reduce our carbon footprints.
More focus should be placed reducing pollution caused by the overpopulation and not climate change.
I heard we have an industrial greenhouse in the south to help supplement grocery supplies for Calgary. With all that's going on, why not one in north too? Offer restaurants rebates for donating what they would consider food waste to shelters and food bank (if not already). Although unrelated, let's entice a vaccine manufacturer to Calgary so we have one that's Canadian and in the West.
Not enough focus on wildfire smoke effects.
No more city expansion. Renew older communities.
Restricting new builds on previously undeveloped land and focus on improving what is already within the city limits
Development should focus on satellite cities; ie. housing should be encouraged around these areas to reduce vehicle usage. Encourage inner city developments that are climate conscious; ie solar heating etc. Increase densification but find a balance to avoid "slumming" neighbourhoods. Maintain 45% lot coverage. Increase urban forest on these developments.
The primary objective should be increasing natural green spaces utilizing native species. Burning fossil fuels isn't the problem, removing the natural filters (plants) is the problem.
Education. People still believe that “my truck is better for the environment than your EV” and it's exasperating.
Create more green space, plant more trees, provide trees to people who wish to plant more in their yards. Provide water capture barrels to people.
no
Reduce the population of Calgary. City hall will do well if present council stays. Everyone else will move away & Calgary will be the new Detroit. Nothing but homeless & slums.

Zero emissions vehicles - unless FCEV is widely adopted, lower carbon fuels like biofuels, will have to be part of that mix. These can be drop in and more immediately available so should be included. Also, for heating, renewable Natural Gas can be a solution for where electrification is not possible.
Yes, two in fact. 1. Make automobile drivers pay their equivalent share of infrastructure cost (road upkeep, overpasses, etc...) either via a gas tax, license fee, or tolls. Transit users know how much their burden on the city costs, private vehicle operators should too. 2. Ban all handheld combustion engines (e.g. gas-powered leaf blowers)
Upzoning, making denser more walkable neighbourhoods.
Increase the density of housing.
Education and promotion effort to get Calgarians to make a change. Drive less, push mower for small lots, solar panels on roofs, heated sidewalks downtown to mitigate snow/ice removal.
Priorities without costs and benefits are meaningless.
Make driving private vehicles less convenient. Stop building parkades. According to a paper out of Korea, according to this paper, the embodied carbon of underground parking works out to about 17 metric tons per stall 288 sf (9' x 20' stall + 1/2 of 24' wide drive) = 26,8 m <sup>2</sup> * 650kg-CO <sub>2</sub> /m <sup>2</sup> = 17,420kg = 17,4 metric tons <a href="https://pdfs.semanticscholar.org/dc64/bd0e8af3c29242bbb941052fea1a9d1a8051.pdf">https://pdfs.semanticscholar.org/dc64/bd0e8af3c29242bbb941052fea1a9d1a8051.pdf</a> per stall. material only.
ROAD DIETS E-bike incentive programs Cycle networks everywhere Increased public transportation networks
Tree planting is huge at combating greenhouse emissions. Calgary needs to focus on planting trees in the areas that are available and using trees that are not so susceptible to disease like the Brandon Elms that should have never been planted here.
Gondek, find another thing to care about. Build a road without potholes, then I will take you seriously.
The city should be realistic and focused on carbon offsetting.
Common sense and critical thinking.
There are actually ways for cities to vastly improve their GHG emissions through offering district heating instead of natural gas. This could be a serious focus area for Calgary, and has already been tried in Okotoks (Drake Landing Solar Community)
A good focus on reducing emissions needs to be paired with more thought on taking carbon out of the atmosphere using plants and microbes instead of machines burning diesel. Carbon capture food production and wellness feature and habitat restoration are under-appreciated as a cost effective way to suck carbon from the air and store it as plant roots and healthy soil and fungal-thread networks in the ground.
Increase jobs in Oil and Gas - triggering Innovation in Carbon recycling and re using - "green zero emission's is a pipe dream Battery construction and life cycle is horrible for the Environment with current technology
I appreciate the City ramping up the number of policies and programs directed towards dealing with climate change, as well as engagement with citizens on the subject. We have a long way to go and some Cities have led the way beautifully, but I am encouraged by the significant change over the past three years.
Nuclear energy



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Yes. For instance, the police were given money for the reconciliation indigenous liaison officer program, but I did not here that they had to give up 5heir armored personnel vehicles or even a helicopter. How many feet on the street equals the budget of the helicopter program, esp concidering green house gas...
Reality check for all ideas
I hate manicured lawns. I hate mowers. Leaving the land to it's own devices , planting trees and shrubs, would store a lot of carbon. I love that we have naturalized parks, but we need more naturalized parks, roadsides, medians, less pavement. neighbourhoods should be designed to be walkable. Less fences. Also trees should not be planted in a little square meter grate. Most of them die when planted like that. Ps I have a bachelor in biology and an environmental technology diploma
Yeah... YOU'RE MISSING THE OPTION TO STOP!!!
Prevent employee waste from city of cagary and its affiliated unions
Where is Advocacy on this list? Where is educate the public?
Nuclear power
More parks and green spaces.
Reduce non Vegetarian foods consumption.
I'm not sure.
A focus on cost cutting and efficiency is missing from this municipal government.
Need to have local community power to avoid mass blackouts. Not sure where this fits in this survey, but I think this should be the number 1 priority overall as we are so dependent on power and an adverse weather event could cripple the whole city. Need smaller local power sources to keep most areas up and running even if a wind or ice storm takes down major power lines.
n/a
Local food production.
Food waste and people going hungry. If we are throwing so much away, why are people starving? Reduce production, if we are growing too much.
Not sure
Eliminate free parking for city employees. Eliminate city vehicles for city employee personal use.
I am surprised that the obvious one isnt listed. The city has to stop sprawling, it is environmentally unsound and doesn't make sense financially. I suspect that the developer lobby is too strong for this to actually happen though.
See above.
Lets make it so that for every 1% taxes increase the councillor's pay is decreased by 2%. Does the reckless spending still feel good. Spend money only where it has a positive measurable impact.
Capacity and demonstration projects to help support organizations and communities looking to take action.
I don't understand if this survey is about preparing for natural disasters, or reducing carbon emissions.
Reducing emissions in industrial and commercial settings.
How we maintain our green spaces. How much GHG emissions are generated by gas powered lawn mowers, leaf blowers etc? The traditional lawn needs to be re-examined & possibly replaced - for instance, planting with native grasses that require far less water/mowing.

Yes. Economic development; stop catering to leftist propaganda
get rid of the carbon tax
Make cyclists buy insurance and registration
Make use of carbon lowering technologies like renewable natural gas, bio diesel
All of your employees should be committed to reduction of GHG. No forgotten lights or wasted materials, including building materials are acceptable!
Cut taxes, support oil and gas. Stop the nonsense with Sean Chu and do your jobs. By the way mayor if you won't work with Mr Chu then I assume you won't work with Trudeau (he was caught groping)!
Doing something about the “recycling” being stored by the city because it cannot be recycled.
Rather than building solar/wind farms in Alberta build interprovincial transmission ties to tap into BC's plentiful hydro. Industry/petrochemicals are a big source of GHGs. We're in a rather cold climate but more use of community-based (geothermal) heat pumps for residential heating rather than natural gas.
Make vehicle commuting easier/quicker. It's so painfully slow to get around this city, WHICH IS PRIMARILY WHY PEOPLE SPEED, yet the city tries to slow vehicles down even more, which is just going to result in more speeding to make up that lost time. This city couldn't organize a piss-up at an open bar.
The option of do none of these things was missing.
upgrade recycling facilities to handle more recyclables to help with eliminating waste from entering landfills
Planning Calgary's growth and development to reduce greenhouse gas emissions (e.g. managing sprawl, making live-work-play feasible for all and not just the affluent/professionals, planning for goods movement and logistics)
Buying local and having a more local supply chain. As we have seen, manufacturing everything in Asia and importing it to Canada generates tremendous green house gases. The whole supply chain is also very vulnerable as we have seen with the pandemic and BC floods.
I am more concerned on the state of the economy, inflation and the job situation in this city/province then I am climate change. A lot of people are just trying to get by in there day to day lives and "green" initiatives are expensive and seem to cater to the wealthier demographic who can afford more expensive heating of there homes, more expensive EV vehicles.
All of those are GHG mitigation efforts, which sadly will not help climate mitigation. 2 very different areas. Focus on the mitigation effects (stormwater, trees and tree loss, extreme heat etc). our GHG reductions, while noble, will not help climate mitigation. The city should really be focused on the mitigation, not the aspirational.
Statistically speaking, having fewer children is the greatest positive impact on the environment.
Nuclear. We need to seriously consider all potential options and despite the images it conjurs, nuclear power needs to be given serious consideration.
Nuclear is missing and the elephant in the room has not been addressed. The greater issue is that other countries in the world that emit the greatest green house gasses need to change or anything we do is all for not.
Electronic waste recycling that actually extracts the metals and other reusable materials to be used again.
No. You should abandon this project. There is no climate emergency anywhere but your imaginations. Stop virtue signaling and do your jobs of running the city
Improve the efficiency of new buildings, and retrofit old buildings ONLY when required by maintenance standards
Albertans, esp. Calgarians, use our scenic natural areas (mountains, badlands, lakes, etc) for recreation: camping, motorcycling, scenic day-tripping, fishing, hunting etc.). It is a big part of what makes our city one of the top cites in the world in which to live. Access, proximity and enjoyment are what makes our lives special... the ability to easily get out of our wonderful and beautiful city for a few hours, a day, a weekend or longer, without inconvenience, just an hour or 3 away.



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Yes. Land use & transportation integration. Calgary should adopt "podium" style development that is happening in Vancouver (ie. retail podium above underground transit c/w residential towers).
Basement suites. I think it is too hard to convert a basement to a rental unit. ie. most apartment buildings control the heat for the whole building from the main furnace but for a basement you need separate heat panels. This is insane. Again it is special interest groups advocating for their own economic benefit and it isn't backed by reason.
Consider modular nuclear power generation, or even large scale. The technology exists, the CANDU design is extremely safe and the slower we get thinking about it the slower it can be implemented. Nuclear plants often take roughly ten years to construct; if you really care about Calgary's environmental footprint it is the simple and obvious option.
New cultural identity Increase affordability for alternative mode of transportation Urban planning to reduce need for long commute Support for work from home
Urban greenhouse farming projects, heavy red tape for any deforestation projects on public or PRIVATE properties. Incentives for tree planting and green transitions etc.
Airplane traffic. Maybe we could reduce the need for airplane traffic by committing to improving availability of passenger train lines throughout Alberta?