

100% Renewable & Resilient Saanich

Phase 2 Engagement Report



[SAANICH.CA/CLIMATEPLAN](https://saanich.ca/climateplan)



EXECUTIVE SUMMARY

This report summarizes the Phase 2 engagement activities and results, part of the development of the *Climate Plan: 100% Renewable and Resilient Saanich*. Phase 2 engagement, from spring to summer 2019, collected feedback on draft climate strategies and actions.

Key findings

- High level of agreement and support for proposed strategies and actions.
- The most popular actions related to active transportation, vehicle fleet, electric vehicle charging access, local food production, transit improvement, bike parking, agriculture, waste and high-performance buildings.

Public involvement

- 22 key events
- Over 1,000 participants

Engagement activities

Phase 2 engagement activities included:

- Stakeholder workshops
- Public survey
- Public open houses and presentations
- Internal working group meetings
- Festivals and community events



*Phase 2 Public Open House,
Saturday June 1, 2019*

Next steps

The findings from the second phase of engagement will be used to inform the development of the draft climate plan, which will then form the basis of a third and final phase of engagement in summer and fall 2019.

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1.0 INTRODUCTION

This report summarizes the Phase 2 engagement activities and results, part of the development of the *Climate Plan: 100% Renewable and Resilient Saanich*.

1.1 Purpose of Phase 2 engagement

The purpose of the second phase of Climate Plan engagement was to work with staff, stakeholders, and the public to:

1. Inform about
 - a. Targets (greenhouse gas (GHG) emissions, renewable energy, resilience)
 - b. Baseline (where our GHG emissions currently come from in our community)
 - c. Results of phase 1 public engagement (support for urgent, effective action)
 - d. Emissions reduction model and strategies (the scope of change required in our community to reach targets, the pathway developed through Phase 1 engagement)
 - e. Draft strategies and actions for the District of Saanich for mitigation and adaptation
2. Identify areas of high and low support in draft plan
3. Identify additional actions to consider
4. On areas of low support, refine/seek agreement on alternatives that will still reach targets

The second phase of engagement was officially launched with the Phase 2 survey in May 2019 and extended to July 2019 in order to raise awareness and capture input from a large and diverse audience.

Prior to the launch of Phase 2, staff analyzed the input from Phase 1 engagement, including the results of the Resilient Saanich Risk Assessment report, results of input on mitigation pathway modelling for the overall community and with different neighbourhood types, lessons learned from previous Saanich climate action, and best practices from other community climate actions plans. These inputs were used to develop the draft principles, strategies, and actions that were presented to staff, stakeholder, and public for feedback in Phase 2.

To learn about the overall Climate Plan engagement approach, please see the Climate Plan Terms of Reference and the Phase 1 Engagement Report, available at www.saanich.ca/climateplan.

1.2 Engagement activities

Several methods of engagement were used, informed by the IAP2 spectrum of public participation.

Table 1 Phase 2 engagement activities

Activity	Participation or Reach
Inform	
- Website – the Climate Plan webpages provided up to date access to information about the climate plan in development and how to get involved, and the online Saanich Carbon Calculator helped users understand their personal greenhouse gas emissions sources	2,161 unique views
- E-newsletter – a growing list of subscribers was informed through e-newsletters about Phase 2 engagement survey, events, and other climate action news. (*Many subscribers are on more than one list – they are counted separately in each list.)	1,800 e-news subscribers*
- Media – a media release announcing the Phase 2 survey and public events was issued. Two media stories about the climate plan were published during Phase 2.	2 media stories
- Social Media – popular social media outlets were used to reach people in Saanich.	22,028 views, 842 clicks, likes, and shares.
- Advertisements – public events and the survey were advertised in the Saanich News and Times Colonist.	2 advertising campaigns in 2 newspapers
- Recreation Centre Displays – were established at each of the recreation centres for visitors to view information on the plan, complete the survey, and take away brochures about low carbon upgrades for homes and vehicles.	4 displays
Consult	
- Survey – an online and paper survey was created to collect feedback about the draft strategies and actions for adaptation and mitigation.	455 respondents
- Public Open Houses & Presentations – were held in May and June 2019. Presentations about electric vehicles and climate-friendly home upgrades were offered to the public. The Open Houses included information boards and an interactive poster activity. The Open Houses presented the results from Phase 1 engagement and draft strategies and actions for mitigation and adaptation. An interactive poster activity, aligned with the survey, was used to determine level of support for the actions and to solicit other feedback for new actions or improving those	2 events, 361 attendees

<p>presented. Members of the public also had the opportunity to discuss issues with staff and participate in the survey.</p>	
<ul style="list-style-type: none"> - Festivals & Events – key Saanich and regional festivals and events were attended with our staffed Climate Plan stall, which included copies of the Climate Plan Backgrounder and survey, a ‘Ways to Address Climate Change?’ interactive ideas board, a ‘Three Carbon Lifestyles’ information board, climate engagement games and kids’ activities, information on available building energy retrofit and EV rebates and other ways to get engaged. 	<p>282 comments collected on interactive display</p>
<p>Involve</p>	
<ul style="list-style-type: none"> - Key Stakeholder Workshops – were held in March 2019 to enable local organizations the opportunities to review results of Phase 1 engagement and provide feedback on draft strategies and actions through structured and interactive workshops using both the GHG model and the climate adaptation risk and vulnerability framework. 	<p>2 events, 97 attendees.</p>
<p>Collaborate</p>	
<ul style="list-style-type: none"> - One Planet Saanich – the District participated in this initiative supporting organizations in Saanich to develop plans to achieve One Planet Living in their operations. 	<p>11 participating organizations</p>
<ul style="list-style-type: none"> - Project Technical Working Group Meetings – a series of meetings were held with the staff internal working groups (adaptation and mitigation) to present the results of the GHG model and adaptation risk assessment, and to provide early feedback on draft strategies and actions and approach for engagement with the public and stakeholders. 	<p>2 meetings</p>

RESULTS

2.1 Interactive boards

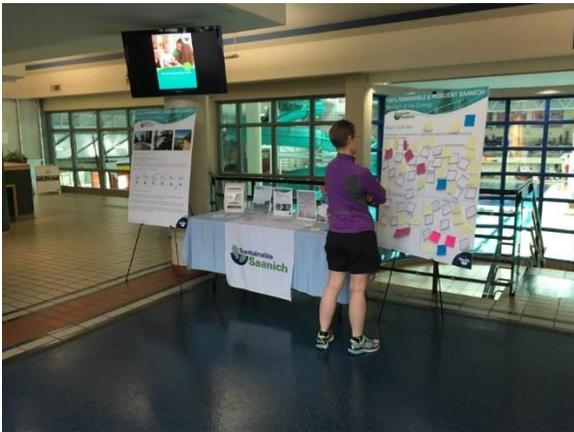
Interactive comment boards were available at unstaffed displays and community festivals to collect feedback from the community regarding their priorities, ideas, and feelings about climate change and climate action in Saanich.



Interactive board



Saanich Cycling Festival



Saanich Commonwealth Place Display



Gorge Tillicum Canada Day

Asking ‘**How should we transition to 100% renewable energy and respond to climate change,**’ the ideas board provided members of the public (young and old) with the opportunity to write ideas for addressing climate change on sticky notes. There were 4 key theme areas: transportation, buildings, food/consumption/waste and other and two types of sticky notes, one identifying what the individual would do, and the second identifying what they’d like the District of Saanich to do. See Table 2 for a summary of types of suggestions, and Appendix F for detailed responses in each category.

Table 2 Public feedback – ‘How should we transition and respond?’ engagement board

Suggestion Types	Number of Responses
Transportation	
Improve public transit	26
Improve bike infrastructure	20
Other	18
Improve EV charging access	13
Improve pedestrian experience	3
Car sharing/Car pooling	3
Total	83
Buildings	
Increase energy efficiency	17
Increase solar energy production	13
Other	9
Increase renewable use (other than solar)	3
Natural assets (green roofs, green walls, gardens, water harvesting, etc.)	3
Increase density and/or build tiny homes, garden suites, etc.	2
Total	47
Food, Consumption & Waste	
Other	29
Provide recycling for a greater range of products e.g. soft plastic	24
Support local food production	19
Ban single use plastics	12
Promote eating less meat and dairy	3
Total	87
Other	
Other	39
Preserve or enhance biodiversity	17
Commitment to renewable energy	8
Divest from fossil fuels	6
Climate change is hoax/waste of money	5
Total	75

2.2 One Planet Saanich

One Planet Saanich is an initiative between the District of Saanich and non-profits One Earth and Bioregional, funded by the KR Foundation, and is part of an international project where cities and local organizations make plans to bring their operations into alignment with One Planet Living, a vision of the world where everyone, everywhere can enjoy happy, healthy lives within the limits of the planet, leaving space of wildlife and wilderness.

During Phase 2, participants celebrated a year of accomplishments, recognizing the participating schools, businesses, and faith groups and the plans they developed for One Planet Living in their operations, aligned with the GHG reduction and renewable energy goals of the Saanich Climate Plan.

Participating organizations included:

- Claremont Secondary School
- Reynolds Secondary School
- Mount Douglas Secondary School
- Uptown
- Bumblebee Electric
- Vancity Credit Union
- Beespot Neighbourhoods
- Artemis Place Society
- Camosun College
- Creatively United for the Planet
- Haliburton Farm
- First Unitarian Church of Victoria



One Planet Saanich participants

These 12 organizations either completed a One Planet Living scan or a “One Planet Action Plan” plan for their organizations.

2.3 Summary survey results

The Climate Plan Phase 2 survey was open between May 12, 2019 and July 1, 2019. The survey consisted of up to 104 questions. All survey responses are reported in detail in Appendix C. A copy of the paper survey is included in Appendix B.

The survey was open to the general public, and asked people to report if they were Saanich residents, frequent Saanich visitors, or other. It focused on the draft strategies and actions for mitigation and adaptation. The survey was intended to determine the level of public support for the proposed actions, solicit new ideas for actions, and make improvements to actions where needed. Respondents were asked to rank their agreement with each draft action, and given the opportunity to comment on the strategies with open comment boxes. Respondents were encouraged to review the Climate Plan Backgrounder prior to completing the survey, along with

findings from Phase 1 engagement, the risk assessment, and the model for the pathway to reach 2050 mitigation targets.

In total, there were 455 survey respondents. (25 respondents answered “no” to the first privacy question online and were not included in this total.) 434 of the respondents took the survey online and 21 took the survey offline (on paper or verbally to a Saanich staff person). The online survey had a 52% completion rate, and the typical time spent on the survey was just under 13 minutes. There was good participation from a variety of demographics in Saanich, including a spread of ages and household incomes and housing types, with 99% of respondents either living in Saanich or regularly visiting Saanich more than once a month for other reasons such as work, school recreation, visiting friends and family, errands etc.

Overall, there was strong support for the draft strategies and actions. As shown in Table 3, of the responses collected, over 77% of responses were “agree” while only 8% were disagree.

Table 3 Survey responses - overall level of agreement with draft actions

Level of agreement with actions	Number of responses overall	Percentage of responses
Agree	13,717	77%
Neither agree nor disagree	1,915	11%
Disagree	1,385	8%
Unsure/Don't know	736	4%

The top ten most popular actions, by number of “agree” responses, are included in Table 4.

Table 4 Top ten most popular draft actions

Action	Number of “Agree” Responses	% of “Agree” for that action
Accelerate the implementation of the Active Transportation Plan	265	85%
Work with businesses in Saanich and other agencies to identify opportunities for efficiencies, transitioning to renewable, low-carbon fuels, and right-sizing fleets (e.g. smaller vehicles, cargo bikes in fleets).	257	86%
Increase electric vehicle charging access (both public and private)	250	84%
Increase capacity for local food production through community gardens and apiaries, edible landscaping (e.g. fruit trees, edible plants), food forests and/or farms in parks and public lands, and facilitate access to training and workshops through recreation centres and community partners.	246	92%
Request Victoria Regional Transit Commission and BC Transit: a) accelerate service level improvement and fleet electrification b) expand student pass program at a reduced price in collaboration with schools and/or school boards c) develop universal passes with major employers.	239	79%

Support the development and implementation of an Agricultural Adaptation Strategy for Vancouver Island	236	89%
Explore ways to improve bike parking at existing industrial, commercial and multi-unit residential buildings for tenants and visitors.	230	78%
Accelerate the implementation of the Saanich Agriculture and Food Security Plan	230	86%
Develop and implement a Zero Waste Strategy	229	87%
Remove municipal barriers to high performance buildings, including a review of Saanich bylaws	224	82%

There were only two draft actions that scored less than 50% “agree.” These two actions still have higher “agree” than “disagree” responses. See Table 5 for details.

Table 5 Least popular actions by percentage agree

Action	Number of “Disagree” Responses	% of “Disagree” for that action	% “Agree” for that action
Develop enabling policies and dedicated resources for on-street and off-street parking management and enforcement, including time limits, pay parking, ticketing, and towing.	90	30%	42%
Update off-street parking requirements to reduce parking spaces in areas well serviced by transit or within walking distance to a centre or village.	76	24%	49%

Reasons for disagreeing with these parking regulation updates included concern for those with mobility challenges and wanting more investment in alternatives to personal vehicle ownership first in order to make using public or active transportation more convenient/feasible.

2.4 Public open house events

The Phase 2 public engagement events were held on Thursday, May 30, 2019 and Saturday, June 1, 2019. They included free presentations and an open house.

Participants were invited to choose sustainable transportation options to travel to the event. Reusable mugs and plates were provided with mainly vegetarian refreshments. Child care was provided on the Thursday evening.

A climate-friendly home upgrade presentation was offered twice at each of the two events by City Green Solutions, a non-profit energy efficiency organization. It focused on upgrades that can make a difference for reducing a home’s greenhouse gas emissions, including upgrading from fossil fuel heating (e.g. oil, gas) to a heat pump.

An electric vehicle presentation was offered twice at each event. The first event’s presentation was offered by a volunteer Ambassador and EV owner from the Emotive program. The second event’s presentation was offered by a volunteer representative and EV owner from the Victoria EV owner’s club. It focused on practical things to know about owning and operating an electric vehicle. Each presentation included an in-class portion and a “show and tell” portion where people got to see an electric vehicle up close.



Climate-Friendly Homes presentation, May 30, 2019



Public Open House, May 30th, 2019

The open house portion of the events included information boards about climate adaptation and mitigation, results from Phase 1 engagement, and proposed strategies for adaptation and mitigation. Interactive posters inviting feedback on the draft actions and strategies were available, inviting participants to put either green, yellow, or red dots beside each action, and to provide suggestions using sticky notes. The open house poster boards matched the survey questions. Comments and dots from the open houses are reported together with the survey results (Appendix C) for ease of reference.

Overall, there were high levels of agreement for the draft strategies and actions. Of the 1,561 dots placed, 93% of them were green (for “agree”), 5% were yellow (for “neither agree nor disagree”), and 2% were red (for “disagree”).

The top 5 most popular actions, based on number of green dots, are listed in Table 6.

Table 6 Public open houses - top 5 actions

Action	Number of “agree” responses
Develop and implement a Zero Waste Strategy	126
Increase electric vehicle charging access (both public and private)	82

Ensure all replacement space and water heating systems are renewable energy systems (i.e. heat pumps, or other efficient low-carbon systems as they become available)	61
Increase the public's capacity to prepare themselves, their homes, their neighbourhoods and their local ecosystems for a changing climate	52
Achieve 100% sustainable commuting by Saanich staff	46

Very few disagree stickers were used. The least popular action (by number of red dots) had 4 red dots and 26 green dots, or a 79% agreement level with the action.

Participants were also invited to comment on their vision and priorities, and to provide evaluation feedback for the event. Staff were available to speak with participants.

Evaluation forms were circulated for each of the two presentations and the open house. Select information is provided below, and full evaluation details are provided in Appendix D.

“Thank you very much for your superb efforts to address one of the most challenging issues of the 21st century. The displays were excellently presented and laid out.”
 -Select open house feedback

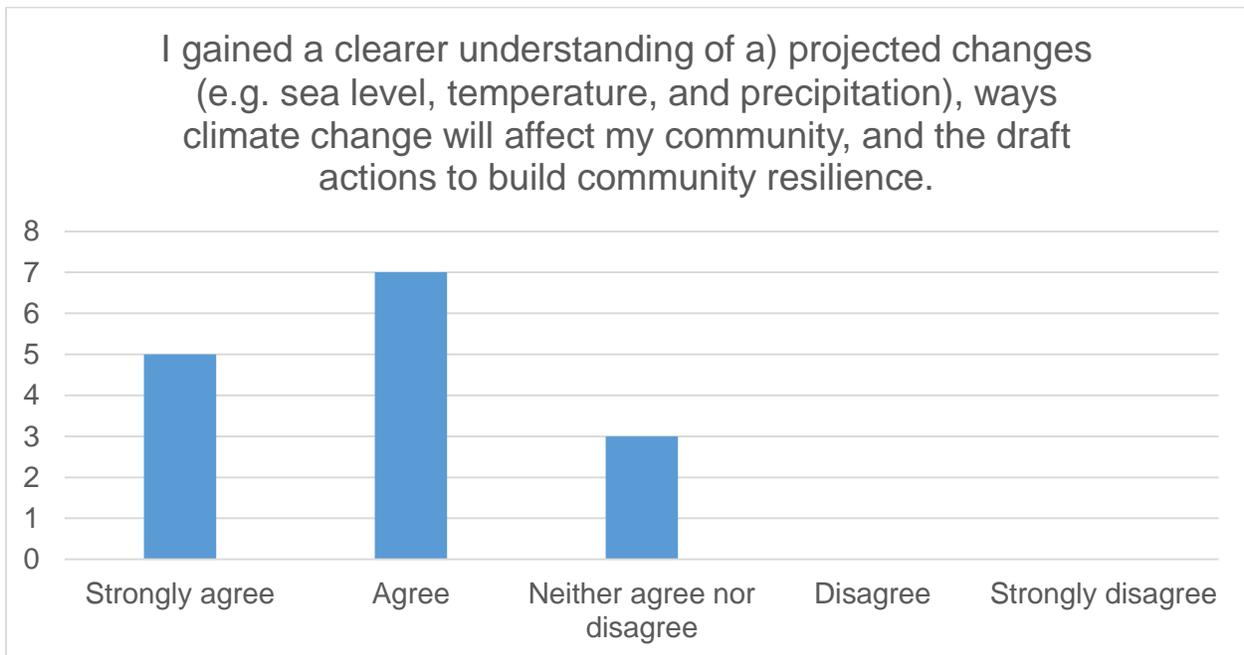


Figure 1 Public open house evaluation – adaptation inform

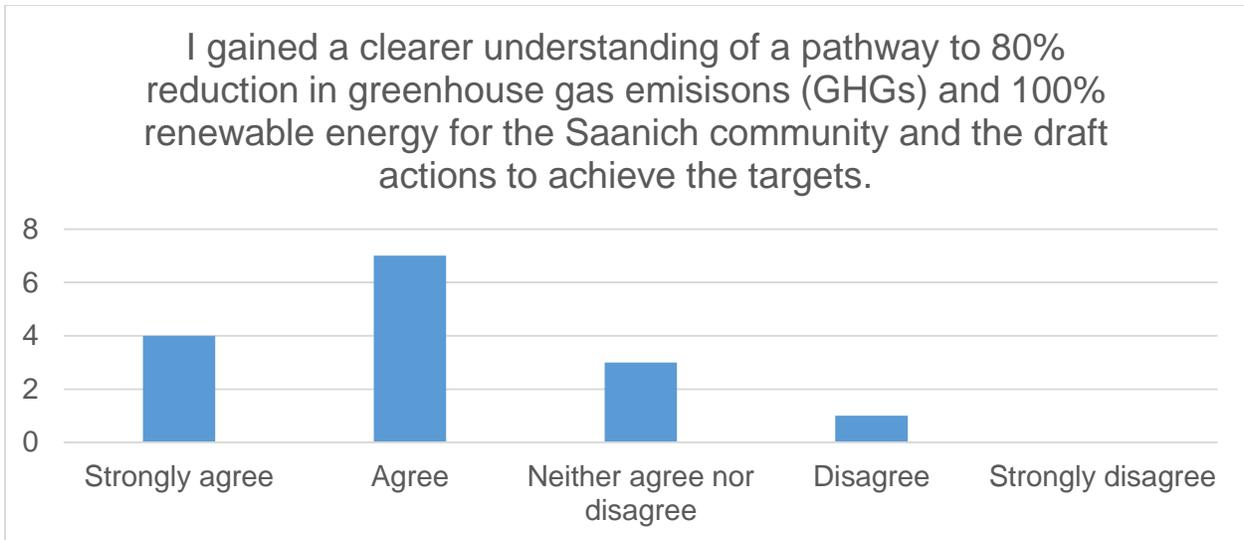


Figure 2 Public open house evaluation - mitigation inform

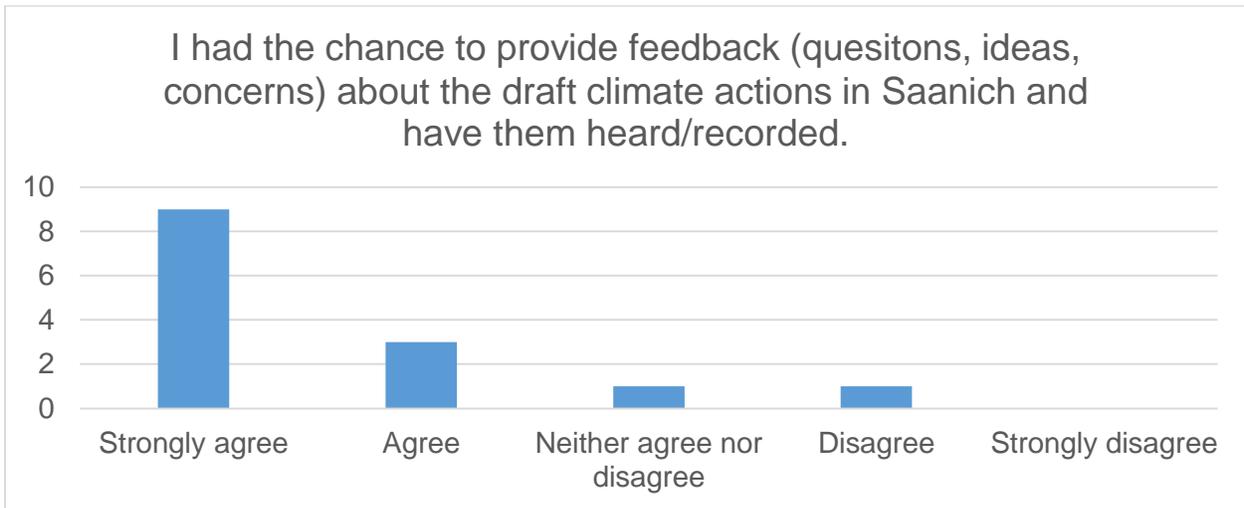


Figure 3 Public open house evaluation – consult

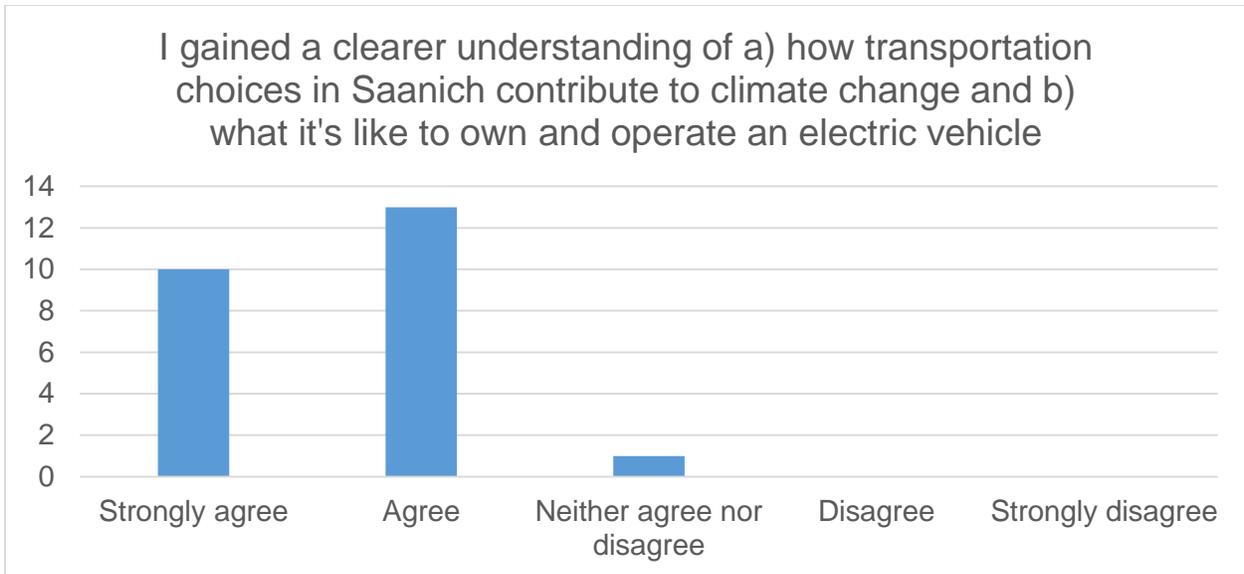


Figure 4 Public EV presentation evaluation - inform

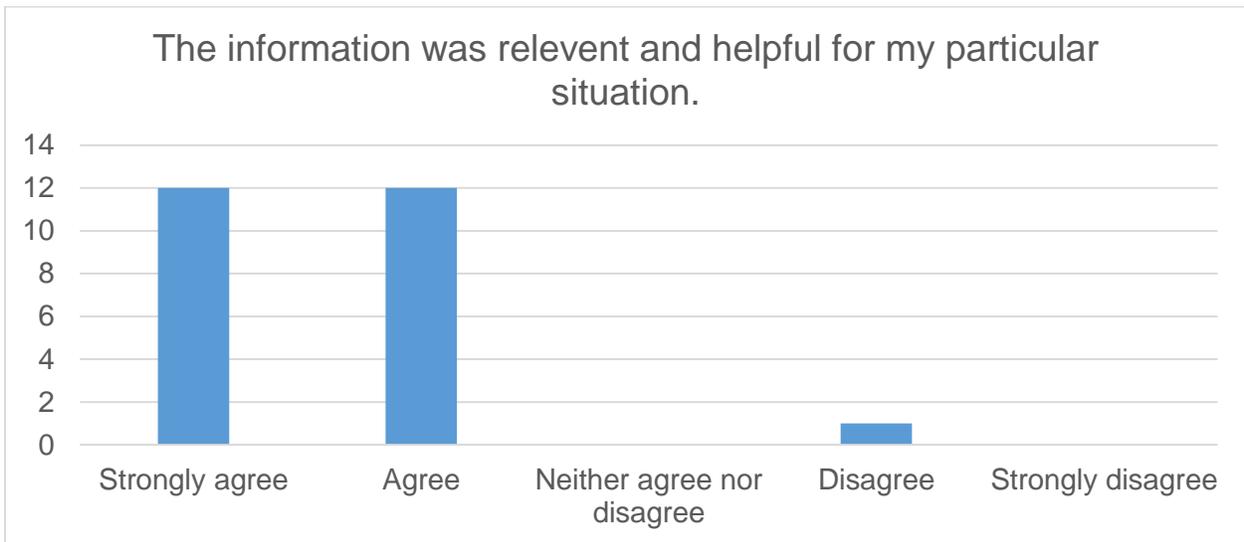


Figure 5 Public EV presentation evaluation – empower

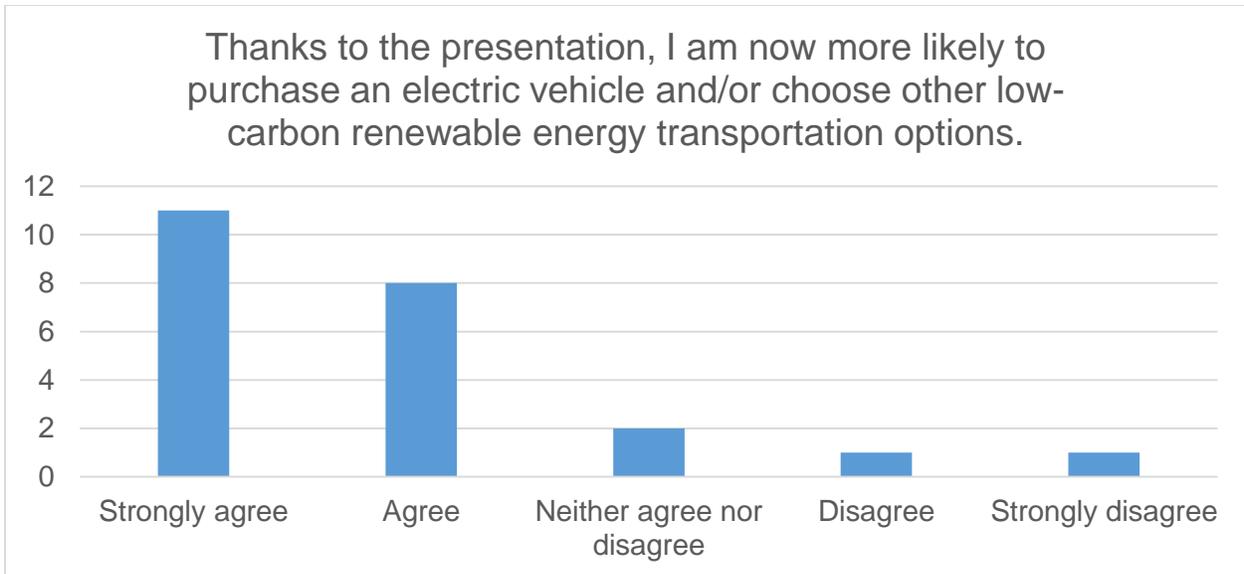


Figure 6 Public EV presentation evaluation – empower

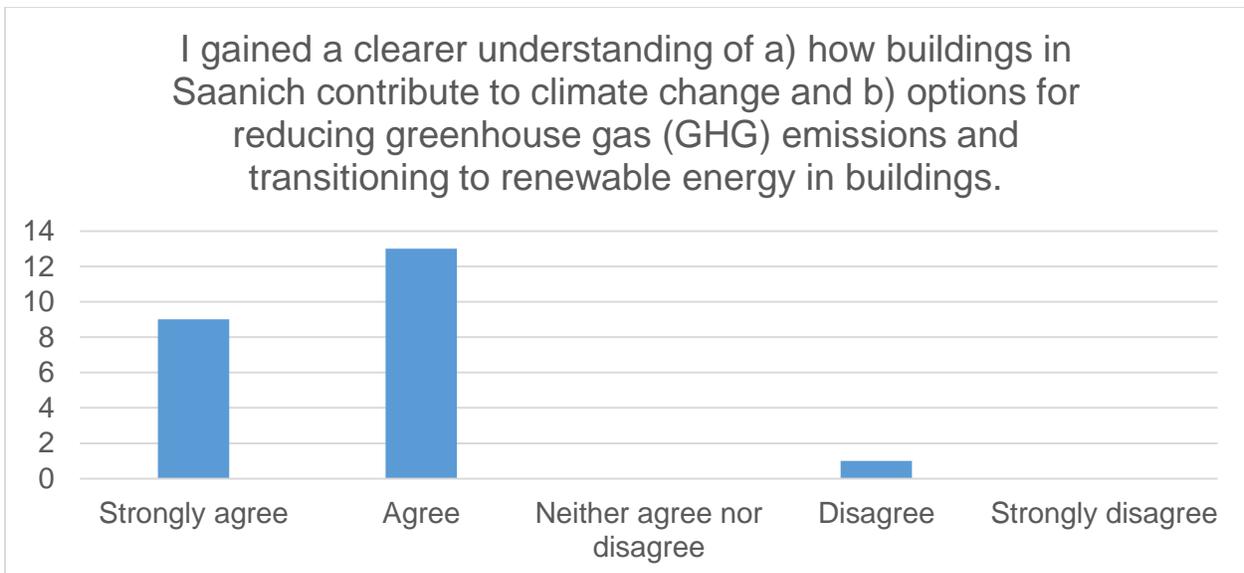


Figure 7 Public homes presentation evaluation – inform

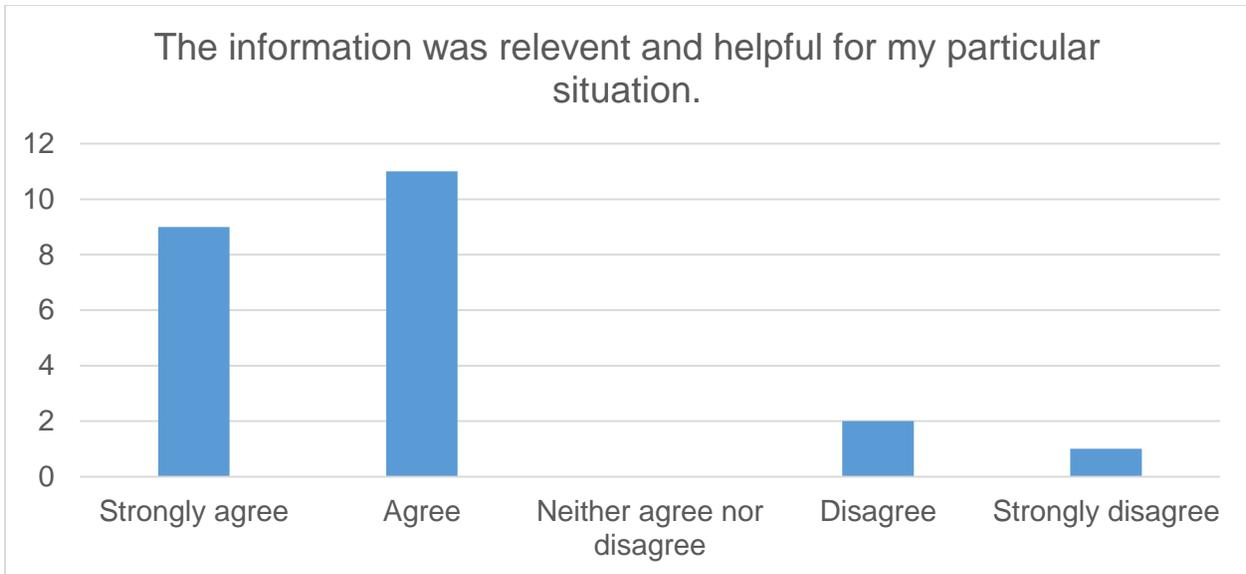


Figure 8 Public homes presentation evaluation – empower

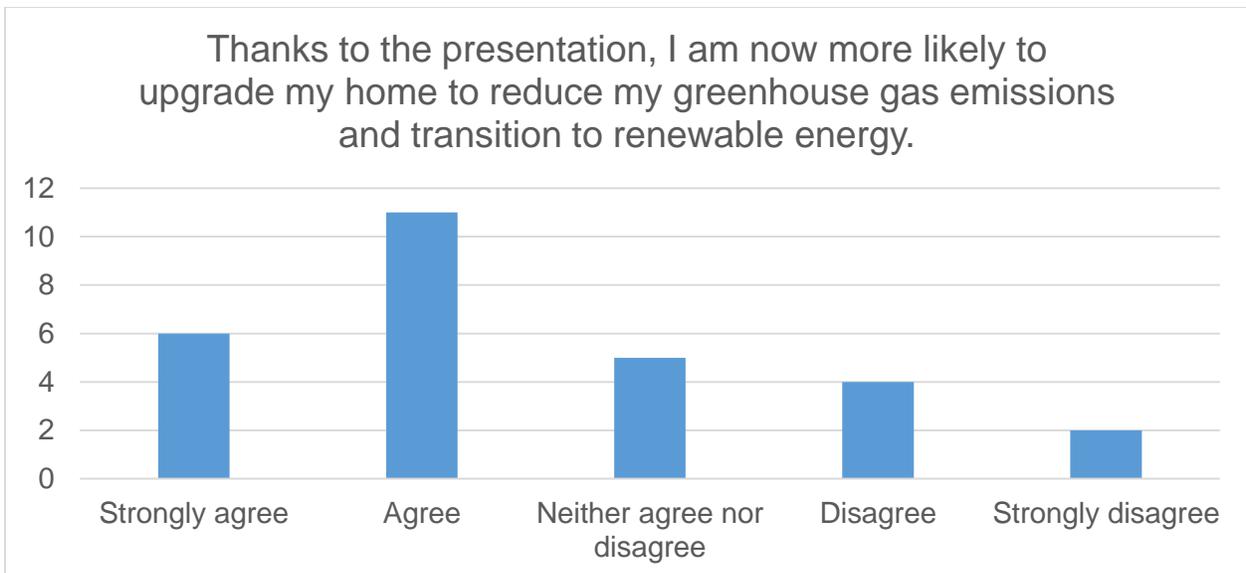


Figure 9 Public homes presentation evaluation - empower

2.5 Project Technical Working Group Meetings

Saanich staff from across departments were engaged in group and one-on-one meetings to present the results of Phase 1 engagement, to receive input on the Plan structure, and to review draft mitigation and adaptation strategies and actions prior to stakeholder input. General agreement on direction and assistance with understanding climate action priorities and challenges of different departments was received. Questions were raised about how to balance competing priorities, such as tree retention vs. new infrastructure and housing.

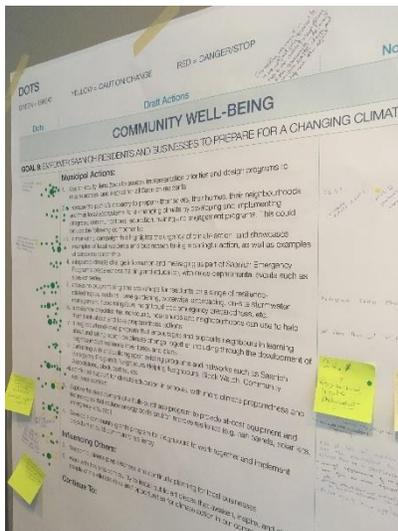
2.6 Key stakeholder workshops

Stakeholder adaptation workshop

The March 12th, 2019 Adaptation Stakeholder workshop presented adaptation work to date, including high level climate projections, summary of public engagement in Phase 1, and the risk assessment process and outcomes. Participants were then provided with the opportunity to read the draft adaptation actions on large format posters throughout the room, indicate their level of support using green, yellow, and red sticky dots, and make suggestions for improvements on the posters with sticky notes so that all participants can build off of the suggestions of others. Facilitated small group discussions followed to dialogue on the most urgent/exciting actions, the areas of greatest concern or disagreement, and considering how the plan can assist their respective organizations or constituencies to adapt. Evaluation forms were circulated at the end of the workshop. Thirty seven organizations, some with multiple representatives, were in attendance. A list of organizations who registered and/or were in attendance is included in Appendix E.



Stakeholder Adaptation Workshop



Action Feedback Poster

Feedback was recorded on large format posters and on facilitator note sheets. Detailed responses are included in Appendix G.

Overall, there was strong support for the proposed adaptation actions. Participants felt optimistic about collaboration and alignment among organizations. There were a variety of concerns that included cost, the need for baseline data, and how to balance roles to encourage innovation. More details are available in Appendix G.

"Impressed with the scope of ideas and range of subject areas. Perhaps an aggressive citizen engagement to mobilize projects. Well facilitated and timed. Good range of expertise in the room. I liked the design of the workshop. I'm still deeply troubled by the 2050 timeline. We are facing a 10 year timeline not a 30 year horizon. Get aggressive about accelerating action!"
-Workshop feedback

Evaluation form feedback was supportive of the workshop format and content (see Figures 14, 15, and 16). Additional feedback comments are included in Appendix G.

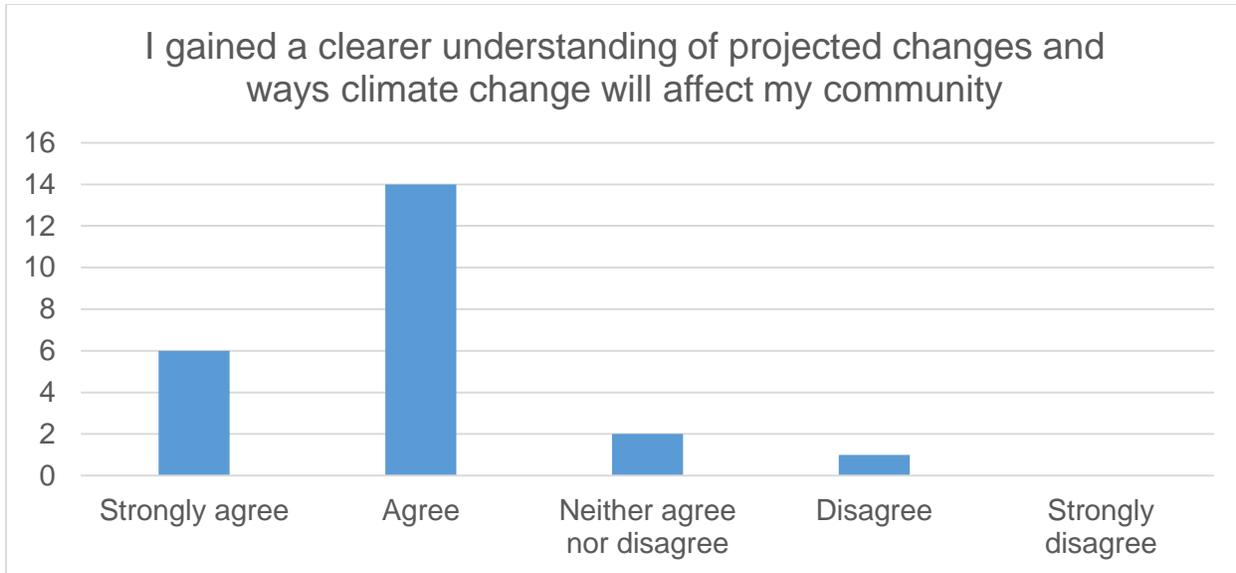


Figure 10 Stakeholder adaptation workshop evaluation – inform level

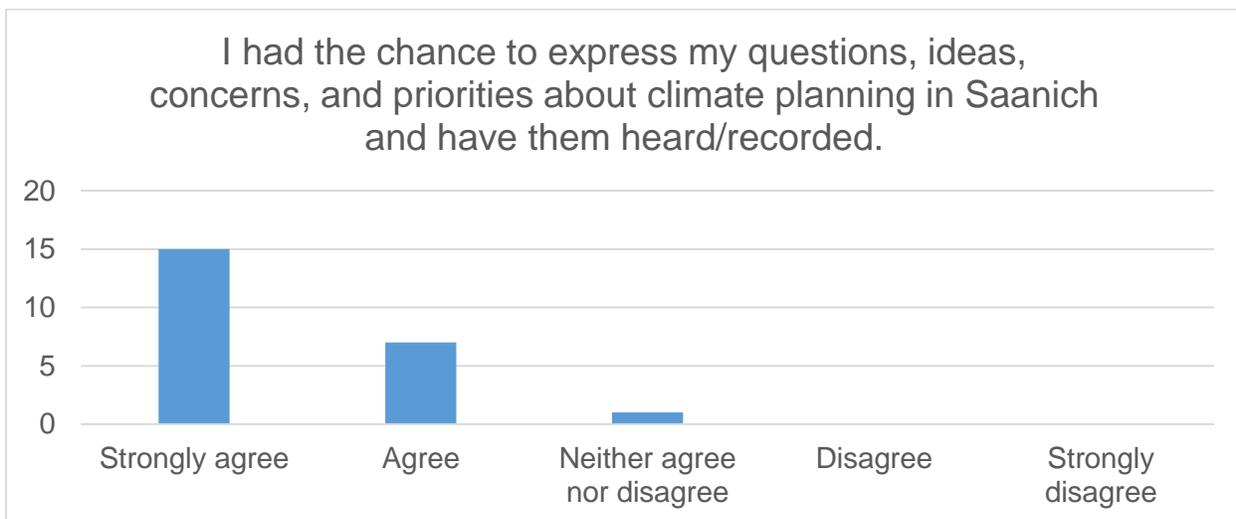


Figure 11 Stakeholder adaptation workshop evaluation - consult level



Figure 12 Stakeholder adaptation workshop evaluation - collaborate level

Stakeholder mitigation workshop

The March 12th, 2019 Stakeholder Mitigation Workshop presented the results of mitigation work to date, including the GHG and renewable energy targets, the 2007 and 2017 community GHG inventories, the results of Phase 1 public engagement, the CANtool model's pathway to the 2050 targets, and the draft strategies and actions for the District of Saanich. Participants were then invited to read the draft mitigation actions on large format posters throughout the room, indicate their level of support using green, yellow, and red sticky dots, and make suggestions for improvements on the posters with sticky notes so that all participants can build off of the suggestions of others.



Stakeholder Mitigation Workshop

Facilitated small group discussions followed to dialogue on the most urgent/exciting actions, the areas of greatest concern or disagreement, and considering how the plan can assist their respective organizations or constituencies to reduce their own emissions and transition to renewable energy. Evaluation forms were circulated at the end of the workshop. Twenty six organizations, some with multiple representatives, were in attendance. A list of organizations who registered and/or were in attendance is included in Appendix E.

Feedback from the large format posters and facilitated conversations are included in Appendix F.

Overall, there was strong support for the mitigation strategies and actions as presented, and many found them comprehensive and practical. There were some concerns raised regarding the use of biofuels or hydrogen for vehicles, and for the appearance of a lack of concrete, decisive actions rather than “support” “encourage” and “explore” type actions.

Evaluation form feedback was supportive of the workshop format and content (see Figures 17, 18, and 19). Additional feedback comments are included in Appendix F.

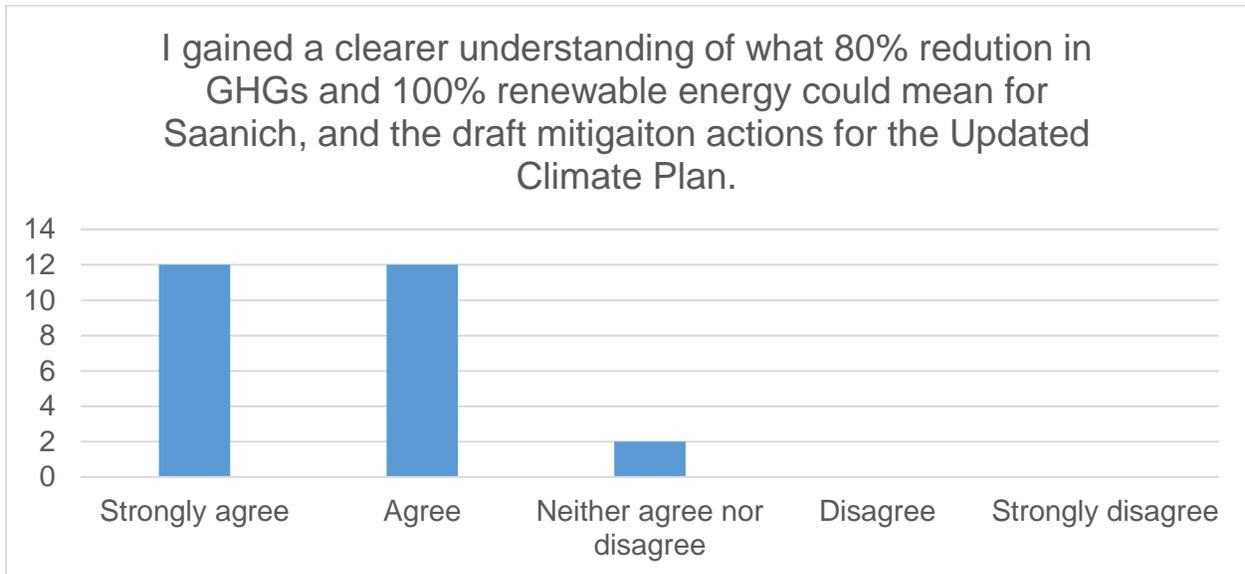


Figure 13 Stakeholder mitigation workshop evaluation - inform level

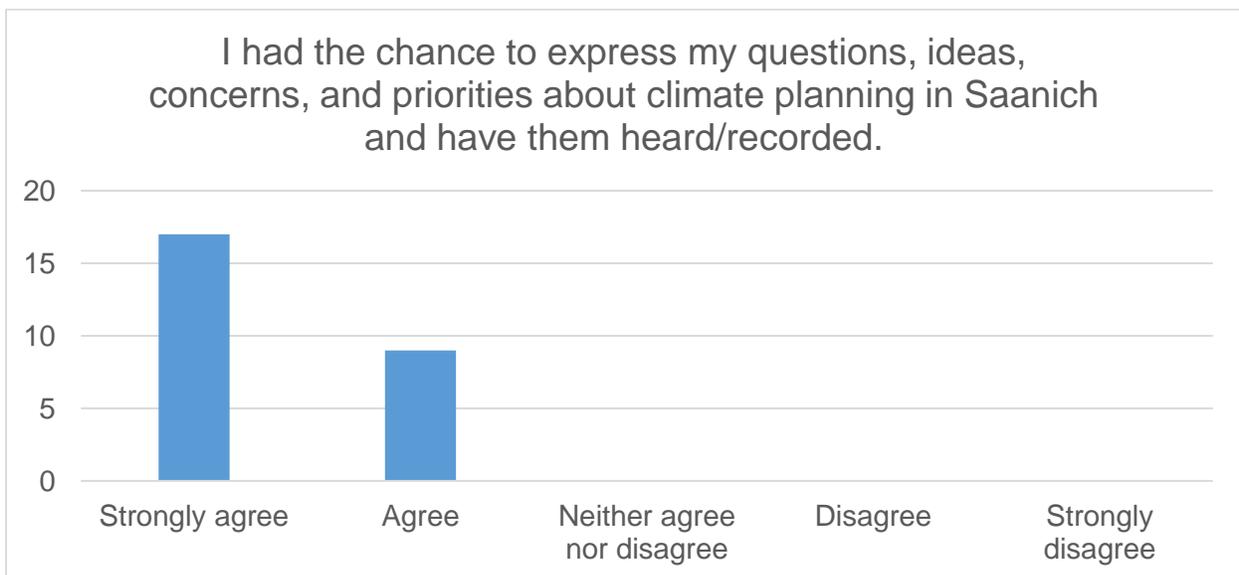


Figure 14 Stakeholder mitigation workshop evaluation - consult level

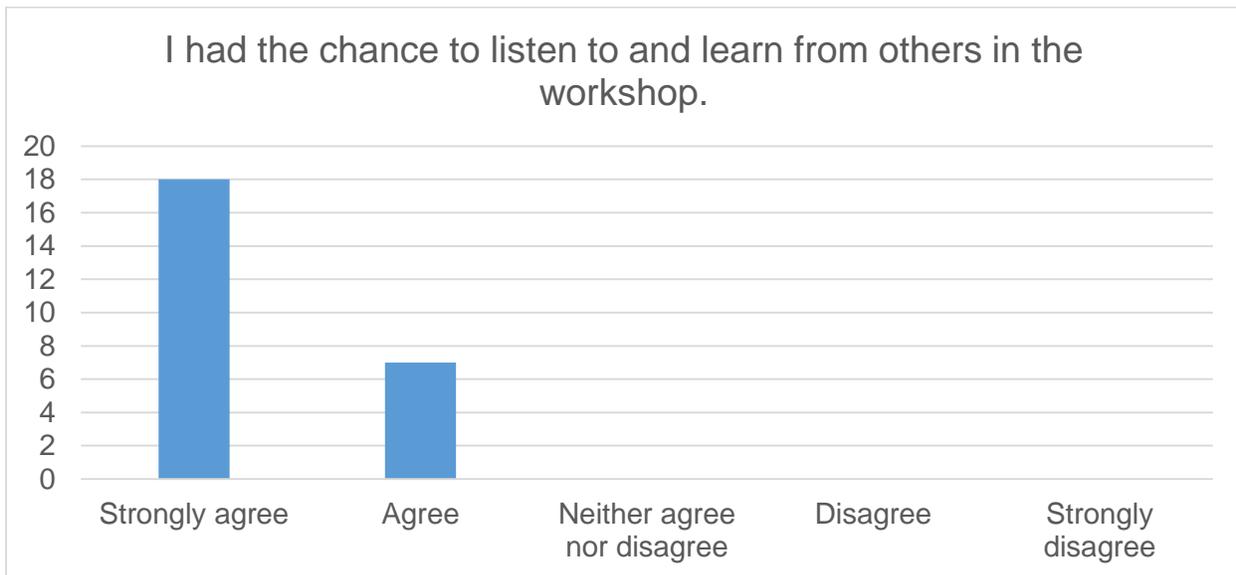


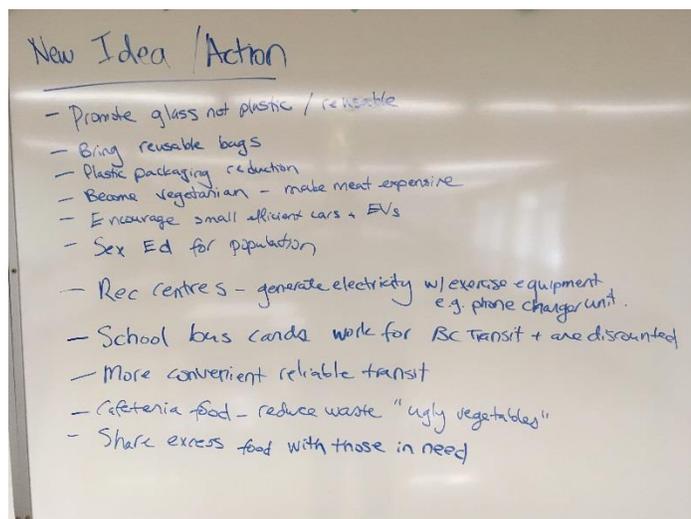
Figure 15 Stakeholder mitigation workshop evaluation - collaborate level

Electric vehicle infrastructure industry engagement

See EV Infrastructure Requirement Engagement Summary document available on the [District of Saanich website](#).

St. Margaret School STEM conference

Youth are a key stakeholder in the Climate Plan development, as they will be the ones most affected by climate change over the course of their lives. In Phase 1, youth at Claremont Secondary and University of Victoria were specifically engaged, as were youth through the four schools participating in the One Planet Saanich program. In Phase 2, Saanich Sustainability was invited to facilitate a workshop on April 26, 2019 as part of St. Margaret School's Girls' Science, Technology, Engineering and Math (STEM) Conference. Sixteen youth attended the workshop.



Student STEM Conference Workshop Comments

As this workshop followed the March 2019 Climate Emergency Declaration by Saanich council, an early version of the draft accelerated actions was presented for feedback to the youth in attendance as part of preparing an accelerated climate action response to council.

Similar to previous Phase 2 engagement workshops, participants were presented with background information about the climate challenge in Saanich, the results of Phase 1 engagement, and then presented with draft strategies and actions. Students were invited to individually indicate their level of support for actions using coloured dots (green for “agree,” yellow for “neither agree nor disagree,” and red for “disagree.”) Of the 158 dots recorded, 78% were green, 20% were yellow, and 2% were red. See Appendix H for details.

Following the individual exercise, participants were invited to engage in group discussion. Questions included:

- a) which actions were most encouraging/exciting,
- b) which areas had low agreement and how they could be improved,
- c) how helpful the actions seemed to achieving the targets in their own lives, and
- d) new actions they'd like to suggest.

See Appendix H for detailed answers. Some notable differences in this workshop from previous workshops was a broad enthusiasm for plant-based diets and the recommendation of improving sexual education about family planning.

APPENDIX A: DISPLAY AND COMMUNITY FESTIVAL IDEAS BOARD COMMENTS

Table 7 Interactive engagement displays - transportation suggestions

"straddle bus" technology from China
2 biggest issues : cars and heating = better bike routes! Off main roads so kids and families can use. Connecting to a network (not piecemeal).
50 cents ore \$1 off if you bike here
always more than one in vehicle
And more electric busses
better bus route to rec centre
better bus service to Cedar Hill Rec
Better connections on cycling connections to Victoria borders
Better sidewalk and biking infrastructure! Much more investment in this than currently happening.
Bike to work year
biking to school with my brother.

bring hydrogen fuel cell fueling station back to Victoria

build light rail/transit nodes downtown to airport.

Build traffic circles and keep adding EVSEs

bus service Uvic to Cedar Hill

carpool!

carpooling

Cheap small electric cars

decrease width of roads. Increase infrastructure and safety for active transport.

densify and offer better transit. Invest in main streets

Don't use cars all the time use bikes.

Electric car plug ins

Electric cars!!!

Electric transportation only.

Eliminate parking requirements

EV charging stations we need LOTS

Financial (tax credits) for low carbon footprint lifestyles (cycling, low meat, etc.)

For some it's easier to bike than walk.

Free bus

free bus for students 18 years of age and under

free bus passes for youth and kids

free buses for everyone

Free or low cost public transit that is improved and reliable and allows pets

Free public transit

I walk, take the bus and bike to school and rarely ever drive.

improve BC Transit routes for Peninsula to Downtown

Incentivize active transportation (cheaper car insurance for bike commuters or tax incentive for bike commuters)

increase # bus routes and offer public transportation for free or an affordable yearly flat fee no larger than \$100.

increase number of busses to reduce wait times and make them ore convenient than cars.

increase number of busses to reduce wait times and make them ore convenient than cars.

Light rail between Westshore and Uptown!

Make a larger investment in public transportation (busses and a train)

Make a new bike road

Make electric cars cheaper because people odn't want to get expensive electric cars.

make H2 fuel or electric cars more doable - places to fuel up.

More bike lanes separated

more bike networks and protected bike lanes. Slow traffic!

More buses, btter routes, more smaller buses feeding to larger "centres," timeline/every 15 minutes, bike paths 2nd transit 1st.

More charging stations for electric vehicles

more electric chargers in parking lot (I drive 100% electric!)

more electric charging spaces

More frequent transit and protected cycling routes

more infill housing
More sidewalks
more trails allowing and promoting horseback riding
No free parking for Saanich staff
Not free but better bus transit esp. at night and on weekends more short haul busses that take people form hubs to where they work.
offer pay per use electric scooters and electric bikes. (Lime and Bird scooters in Los Angeles)
only sm and effic autos in town. More walking and biking. LED lights. Induction stoves.
Protected bike routes
Remember the community is diverse - families, older people - people with injuries and are not able to bike.
separate streets for bikes and cars really!!
set up bike lanes that do not compete with cars - this is dangerous - establish a bike path simliar to a train track.
Slower neighbourhood speed limits to encouarge walking and biking safely.
somehow make EV less expensive to buy. Maybe car share!
traffic signals - are they reflective of the changing needs of the community? If they could be "tweaked" there may be better flows of traffic in our region. E..g Cedar Hill X Rd and Cedar Hill Road. Advance arrow later in the day but none to reflect the buildup in the morning etc. Rush hour is now 2pm it appears. Many advance arrows don't reflect that. i.e. Feltham to Shelbourne advance arrow till 4pm I think - add an hour and that could help etc. (7 cars in line to turn ~4:15 pm the other day)
Train
Steam
Bikes
Solar
Use eletrical cars
use less gas
Using the bus more than the car
walk
walk more and bike more. = fitness and better lifestyle
Widen pedestrian walk way!
Yous you carless instead bike, walk, bus.
Yous you carless instead bike, walk, bus.
Ziplines transportation Yay!

Table 8 Interactive engagement displays - buildings suggestions

Act now/act decisively on all fronts! Engage community. Be a climate action leader! Let's go, Saanich!
battery power?
build net-zero
building to LEED standards or above. Solar panels on rooftop/rooftop greenspace/rainfall water collection
Can Saanich support homeowners to do enviro upgrades?

control development

convert all baseboards to heat pumps - all electric

dim lights when not in use (on timer)

Don't use too much electricity

efficient toilets, lights, etc.

geothermal?

government programs to convert roof to solar for residents too

grab bars in shower stalls

grey water systems in homes

greywater systems

Have higher standards for buildings within the city (better design and insulated)

heat pumps?

increase densification particularly in neighbourhoods with large lots

insulate and retrofit old buildings! 30K spend on this is far more effective than 1EV purchase, believe me.

less gas used buildings

lower pool and bldg temp.

Maintain heritage building

Make it cheaper and easier for home owner to retrofit their houses.

more infill housing

move quicker on 100% accessibility throughout Saanich

NO HIGH RISES!

On demand hot water

power electricity/lights in the building with human power from treadmills, bikes, etc!!!

Put green roofs and/or solar panels on all new construction. Mandate all new construction to be energy/carbon reduced or neutral.

Rebates for homeowners for water efficient and energy appliances.

Rebates for solar panels

Rooftop gardens and green roofs (more of them)

solar hot water

Solar panels

solar panels

solar panels

solar panels

solar panels and issue insolation investments - 100% tax deductible. Overproduced e-energy has to be bought by energy producer (Germans do)

solar panels providing electricity

start to track household GHGs

Subsidize solar panels for homes

tax fossil fuel use (oil, NG)

turn a light off after you leave that room.

water pipe elec/generation on all incoming and outgoing water and wate runs

water pipe elec/generation on all incoming and outgoing water and wate runs

Yes! Upgrade buildings as you go. Solar? Hydro at least. Energy generation training equipment?

Table 9 Interactive engagement displays - food, consumption, and waste suggestions

A strawberry.
as of may 13 return-it is no longer taking styrofoam - why? Government needs to work harder to find markets and make originators of products like styrofoam change.
bananas
Better recycling
city providing free help ... soil/compost and growing techniques for backyard gardening.
compost paper towel in washrooms! Or dryers only.
compostable plastic!!
consider what you need versus what you want
control food wastage
Create more garbage cans to decrease litter
curbside soft plastic recycling
Decrease grocery stores and allow for more farmers markets in walkable location
Do some thinking about how we can help the landfill so in 16 years we won't have a full dump.
Does SCP actually recycle the recyclables?
don't Put recycling and compost bins on streets as well as garbage bins = rats
Easier ways to give food to those in need .
eschew plastics of all kinds!
Financial (tax credits) for low carbon footprint lifestyles (cycling, low meat, etc.)
Get rid of plastic
Get rid of plastic
Get rid of plastic
Get serious about recycling!
go vegan!!!
Have a more elaborate recycling system
Have a recycle depot for styrofoam and all plastic.
have recycling bins/compost at facilities
having a food garden instead of a lawn
how about a deposit fee on takeout coffee cups, straws, and lids? Make it worthwhile to take them somewhere and not litter them everywhere!
increase opps for local farmers to sell at grocery stores.
instead of putting everything in the garbage organics and then in their groups. Save the ocean (ocean)
invasive species disposal
invest in infrastructure that converts waste (garbage) into energy burning. An example is Sweden. Ban plastic - back to glass, paper, plant based pkg.
It's my understanding Parkes does not recycling plastic, tin, or glass... not cool if so....
less laundry, less detergent
Less plastic packaging for food!
local food
local gardens

Mandate that old computers are compatible should not have to discard just because big business wants more profit.

More backyard veg/fruit gardens and on boulevards

More food gardens on roofs, in new subdivisions/developments, everywhere possible - to increase food security on Vancouver Island.

More frequent compost pick up. Incentives for composting. More complete recycling services. Soft plastics - compost in landfill ban.

More trash cans

move to more rooftop gardens

No more plastic food and bev containers

no plastic

No plastic cups for those water machines

No plastic recycle, compost, paper bins.

no plastic, no single use utensils and dishes etc. start processing waste locally and on a small scale - stop contracting to monoliths!

No single use cups, juice boxes, power drinks at concession. BYO cup

no single use plastics

not using pesticides

Outlaw single use plastics

pinipole

Plant more gardens .Pick up trash.

Preserve the ALR!! Bring in stringent guidelines so it can't be used to build upon. Future food security starts with the ALR.

Preserve the ALR!! Bring in stringent guidelines so it can't be used to build upon. Future food security starts with the ALR.

Put recycling and compost bins on streets as well as garbage bins.

Put recycling and compost bins on streets as well as garbage bins.

recycle more plastic

Recycle plastic

Recycle plastic bottles

Recycle plastic, paper, cans.

recycling in the staff room.

recycling or donating art and craft supplies to thrift craft alternative art supply in market square.

Reduce air travel! Major polluter

reduce the # and size of Saanich's farm gardens.

Reduction in water rates for growing your own vegetables (CRD based rates, not Saanich, I think)

Require grocery stores to allow bring-your-own containers for bulk items

require grocery stores to offer % of local (i.e. Van Is products/produce)

Reserve land for food production. Support young farmers and food education in rural Saanich.

rooftop gardens

Recycle!!

soft plastic recycling more available more education

Stop making plastic everything

stop throwing the plastic

switch from beef to other meats, or reduce meat consumption entirely.

Target packaging of goods
total recycling
Turn lawns and grass fields into veggie gardens! :)
Turn lawns and grass fields into veggie gardens! :)
use everything at least twice.
use less of everything: ask yourself every time "do I really need this?"
use less soap/use biodegradable soaps
Use other stuff instead of plastic.
water fountain in the court area is a must .
Way better recycling of more/all items

Table 10 Interactive engagement displays - other suggestions

[child's drawing]
[child's drawing]
absolutely. I am happy to pay for workers to do the work needed in Saanich but am not interested in paying for senior management, assistant to the assistant to the assistant etc.
alternate sources of energy ie. Windmills
Ban drive-through food outlets
Ban sale of gasoline mowers and trimmers
Be awesome!
being lit
Better respect for the buildings!!
Better respect for the buildings by patrons: i.e. No spitting on floors, no garbage on floors, in the bleachers, take your garbage out to the cans, stop plugging sinks with paper towel and leaving taps running, stop filling toilets and urinals with paper towel, stop emptying water bottles on the floor.
biomass etc into energy
Bobby Gar no 4!
build the pipeline
build the pipeline
Bus services need to be expanded to serve the people. There needs to be open houses within transit so people can express their views. Too often the views of the people are ignored for the management plans of transit or CRD.
capture landfill gas at Hartland
Carbon capture
Carbon capture devices?
carbon neutral Saanich
distributed energy production
don't build the pipeline
don't fly
Empress tree! Plant Paulownia best carbon sequestering tree by far
Enhance photosynthesis with more parks, green corridors, home gardens. Work at home electronically.
for major climate change need to target business - not consumers. 1) less packaging that needs to be thrown away. 2) compatible electronics - less throwing perfectly good electronics out so the

company can make more profits. 3) Use glass for milk containers and pop and water. Healthier and can be washed and reused.

get rid of Trudeau!!

grow more trees!

help the homeless and let them help decide things

If we wanted to look at car travel vs. transit what about looking at those businesses and hospital stock yard etc. find out the major shifts involved at these places and run express buses etc. down Cook St, Quadra to McKenzie etc. Lots of workers would use etc.

increase tree canopy

invasive species removal, ivy, broom, etc.

keep farmland

Less humans. :)

Local fishing!

look at all this paper! These were carbon sinks before this.

Maintain urban forest and trees "no more log n flog"

More education to help evaluate credibility of news sources, esp climate change denial.

More pickleball courts and more dedicated time allotted to indoor pickleball at the rec centers

new nuclear

No more humans :)

No tax on renewables

protect more trees in development plans.

Protect the environment that we have with policey.

Put enough pressure on BC and Feds to vastly reduce logging on grand scale. To focus and invest in renewable sources

Put in the pipeline to alleviate stress from the Chinese their use of Alberta and Saskatchewan. To grow and manufacture 85 fuel once we are producing enough use the already built pipeline to send 85 to Asia and Europe where it's heavily used making Canada the largest producer of a safe viable fossil based cleaner fuel that helps create oxygen.

recycling all water: laundry, dish, and washing up and with the water in my garden for flowers and veggies.

recycling all water: laundry, dish, and washing up and with the water in my garden for flowers and veggies.

relying on natural gas natural clean hydro electricity is more than enough.

Saanich could do more to encourage preserving biodiversity and response to climate change through Parks dept.

Save the turtles

simplify. Invert the industrial revolution. Faith in Jesus Christ.

Smash or pass?

Solar panels

stop cutting down trees.

stop cutting down trees.

subsidize /encourage renewable NG

system change don't only offer solutions at individual level. Also look at large scale and root causes of climate change!

take care of the earth

take lessons from eco warriors elsewhere - turn grey water into useable water. Invest in commuter/public transit. How is it I can visit Europe and Asia and never rent a car as I only take public transit - why spend money on an interchange when it was transit future needs.

the low income rec pass pretty swee and clean water is preety cool 2 - community programmms
:)
use goats and sheep and pigs for land clearing.
Vote green
wind/solar power
Xerascaping - prepare for drought by planting native plants

Table 11 Personal Commitments from Interactive Engagement Displays

always more than one in vehicle
biking to school with my brother.
don't fly
I walk, take the bus and bike to school and rarely ever drive.
recycling all water: laundry, dish, and washing up and with the water in my garden for flowers
and veggies.
use everything at least twice.
Using the bus more than the car

APPENDIX B: CLIMATE PLAN SURVEY

Phase 2 Climate Plan Survey

Saanich is developing a plan to:

- Become a 100% renewable energy community
- Reduce our greenhouse gas (GHG) emissions by 80% below 2007 levels
- Prepare for a changing climate

This survey is for Phase 2 of the climate plan development.

Please take the survey to help build the plan. The survey has 100 questions and is estimated to take approx. 30 minutes to complete. However, you are encouraged to only answer the questions that are of interest to you. Answers in all sections are not required.

The survey has six sections:

1. Sustainable Mobility
2. Built Environment
3. Ecosystems
4. Food and Consumption
5. Community Well-Being
6. Leading by Example

This survey is intended to determine public support for the proposed draft actions within the District of Saanich's control or influence, and to solicit new ideas for actions to meet or exceed climate targets for the community.

To learn more about the plan, visit www.saanich.ca/climateplan

About Privacy:

Participation in this survey is voluntary and a response is encouraged, not required. It is not the District's intention to collect personal information, so please do not provide any third-party information (i.e. talk about others) and/or any personally identifiable information about yourself in your responses.

Your information is being collected for the purpose of engagement for developing the updated Saanich Climate Plan and supporting strategies and is authorized under the Local Government Act, Community Charter and sections 26(c),(e) of the Freedom of Information and Protection of Privacy Act. Questions about privacy can be directed to the District of Saanich Privacy Officer at 770 Vernon Ave, Victoria BC, V8W 2W7, 250-475-1775, foi@saanich.ca.

For more information please contact:

250-475-5494 x 3448

sustainability@saanich.ca

Sustainability Division, District of Saanich

Demographics

These questions are to better understand who has been reached by this survey and how representative the survey participants are of the overall population in Saanich.

Do you live in Saanich (at least 6 months of the year)?

- Yes
- No
- Other: _____

Do you regularly (e.g. more than once a month) visit Saanich for other reasons (e.g. work, school, recreation, visiting friends and family, errands, etc.)

- Yes
- No
- Other: _____

What best describes your living situation?

- I am a homeowner/live in an owner-occupied home
- I am a renter/live in a rented home
- I am a strata owner/live in a strata title home
- Other: _____

What is your age?

- 19 and under
- 20 to 29
- 30 to 39
- 40 to 49
- 50 to 59
- 60 to 69
- 70 and up

(Optional) What is your approximate annual household income?

- \$0 - \$24,999
- \$25,000-\$49,999
- \$50,000-\$74,999
- \$75,000 - \$99,999
- \$100,000 - \$124,999
- \$125,000 and up

Climate Plan Process and Principles

Climate action is necessary to protect our community, improve our quality of life, and avoid grave risks. Despite enacting the Saanich 2010 Climate Plan, our community emissions have risen, overall and per capita, from our 2007 baseline. In order to reach our new climate targets, a business as usual approach will not be sufficient.

The draft actions for public feedback in this survey below are based on Phase 1 feedback from the community and stakeholders, research into best practices, and best available climate modelling for our region. Actions that have already been committed to in previous plans, or that require action from senior levels of government, are not included in this priority list of new actions, but will be included in the final plan draft, which will be available for public comment in summer 2019.

Feedback from this survey and other Phase 2 engagement activities will inform the draft plan, which will be presented later this summer for further feedback, and then a final plan will be presented for Council consideration in Fall 2019.

Saanich's climate plan guiding principles are:

- Be bold, lead by example, learn from the past, and be transparent on progress.
- Use available science to make proactive and informed decisions about effective actions while being adaptable and responsive to future developments.
- Ensure benefits of climate action are shared equitably with an emphasis on improving affordability.
- Design climate actions to achieve co-benefits, including improved resident health, emergency preparedness, and economic and employment opportunities.
- Engage, collaborate, and partner with residents, businesses, institutions, and senior levels of government, as it will take coordinated action at all levels to meet our climate targets.
- Always consider reduced consumption (energy and materials) first, followed by shifting to renewable, low-carbon energy sources and materials.
- Recognize natural areas and greenspaces as assets that improve the region's resilience to climate change.
- Support Saanich's work towards reconciliation with neighbouring First Nation Governments

Sustainable Mobility

Transportation is the largest source of emissions in our community, representing 58% of our 2017 territorial emissions. The majority of these emissions are from passenger vehicles.

In order to reduce our transportation emissions, we must reduce energy needs by investing in active and public transportation, and replace remaining fossil fuel engines with electric and other zero emission vehicles.

Investing in active transportation (walking, cycling, wheeling, riding the bus, etc.) supports health, safety, equity, community building, and local businesses.

Public transit moves more people using less space and resources than if everyone uses their own car, making transit essential for moving people efficiently in urban areas.

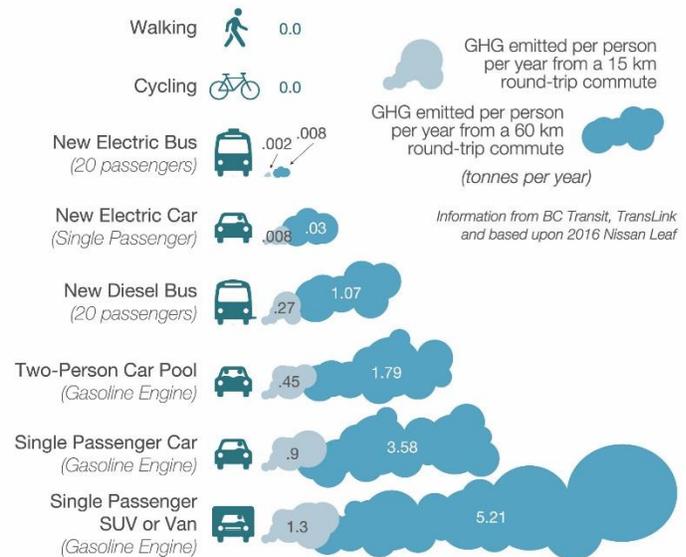
Electric vehicles have many benefits, including improved air quality, reduced noise pollution, and low operating and maintenance costs. To learn more about EVs and available rebates, visit www.pluginbc.com.

Some heavy duty vehicles and equipment do not have battery electric options today, so other renewable fuels and/or technological advances are required in order to reach our targets.

Sustainable Mobility GHG reduction potential of total community emissions =37%

- 50% Active Transportation mode share: 3%
- Electrify all Public Transit: 7%
- Electric Vehicle conversion (90% personal and 50% commercial): 21%
- 100% remaining vehicle fuel is renewable: 7%

See CANtool at www.saanich.ca/climateplan for more details on strategies and targets



Sustainable Mobility

Strategy 1: Invest in Active Transportation

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Accelerate the implementation of the Active Transportation Plan by increasing funding to the Transportation Division to build more sidewalks, improve intersection safety for vulnerable users, and upgrade transit routes and stops.				
2. Expand the Active & Safe Routes to School program to offer walking and cycling skills workshops for interested children and caregivers.				
3. Explore ways to improve bike parking at existing industrial, commercial and multi-unit residential buildings for tenants and visitors.				
4. In partnership with the CRD and the Province, develop and implement a promotion and incentive program for electric bicycles for Saanich residents.				

Comments (Optional):

Sustainable Mobility

Strategy 2: Prioritize Transit-Supportive Policies and Practices

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Request Victoria Regional Transit Commission and BC Transit to accelerate service level improvement and fleet electrification, and expand student pass program at a reduced price in collaboration with schools and/or school boards and universal passes with major employers.				
2. Decrease public transit's travel time by creating dedicated bus lanes and queue jump lanes, and by reducing or eliminating signal wait times.				
3. Create a Transit Development Permit Area where greater density, more housing types, and appropriate parking requirements are encouraged within a specified walking distance of current and planned frequent public transit corridors.				
4. Update off-street parking requirements to reduce parking spaces in areas well serviced by transit or within walking distance to a centre or village.				
5. Develop enabling policies and dedicated resources for on-street and off-street parking management and enforcement, including time limits, pay parking, ticketing, and towing.				

Comments (Optional):

Sustainable Mobility

Strategy 3: Accelerate Adoption of Electric and Other Zero Emission Vehicles

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Increase electric vehicle charging access (both public and private) by: <ul style="list-style-type: none"> a) Requiring all new development have EV-ready infrastructure. b) Providing incentives and support for installing EV charging infrastructure in existing buildings and homes. c) Doubling the number of public charging stations in Saanich by 2025, including doubling municipal-owned charging stations from 12 to 24. . 				
2. Work with businesses in Saanich and other agencies to identify opportunities for efficiencies, transitioning to renewable, low-carbon fuels, and right-sizing fleets (e.g. smaller vehicles, cargo bikes in fleets).				

Comments (Optional):

Built Environment

Buildings are the second largest source of GHGs in our community. Energy used for heating, powering, and cooling buildings in Saanich makes up 31% of our overall territorial GHG emissions.

The most effective way to reduce greenhouse gas emissions in buildings is to efficiently use renewable, low-carbon energy such as hydroelectricity, instead of fossil fuels. Improving the performance of our buildings also brings opportunities to save costs, improve indoor health and comfort and make our buildings sites of renewable energy production.



70% of the residential buildings that will be in operation in 2050 are already constructed today, meaning both zero carbon upgrades and new construction are essential to achieving our climate goals.

Since BC Hydro electricity is mainly sourced from hydro power (currently 97% renewable), many homes and buildings in Saanich are already powered by renewable energy. Rebates and assistance are available to help you shrink your energy bills, even if you rent! Visit www.encybc.ca for more information.

Ensuring our built environment is resilient to more extreme weather patterns and changing climate conditions is critical, especially since so many aspects of our infrastructure, such as buildings, pipes and roads last for decades. Our homes and buildings need to be prepared for more heat waves, poor air quality events, and heavy storms and rainfall, as does our drainage infrastructure. Meanwhile, sea level rise poses a threat to our coastal areas, and requires we plan ahead to ensure we retain these valuable amenities for generations to come.

Built Environment

Built Environment (GHG reduction potential of total community emissions = 23%

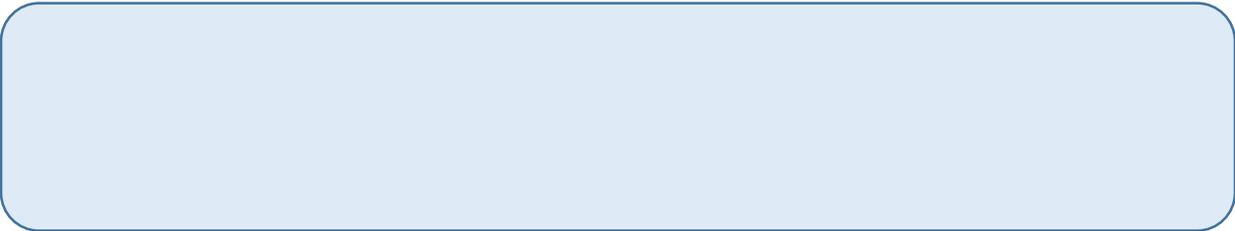
- Upgrade 90% of existing building envelopes 4%
- Low Carbon Energy Systems (Heat Pumps) in 75% of existing buildings 13%
- Require new buildings to be zero carbon 4%
- 100% of remaining natural gas is renewable 1%

See CANtool at www.saanich.ca/climateplan for more details on strategies and targets.

Strategy 4: Require Efficient, Low-Carbon New Construction

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Accelerate highly efficient, zero carbon new building construction by: a) Establishing timelines for achieving the higher steps of the BC Energy Step Code by 2025 or sooner, with relaxations for low-carbon building performance. b) Developing a rezoning policy to incentivize or require zero-carbon new construction (i.e. electric water and heating systems with on-site renewable energy systems) and/or meet higher step code levels.				
2. Remove municipal barriers to high performance buildings, including a review of the Saanich bylaws to ensure heat pump installations are not discouraged (e.g. noise and setback).				
3. Introduce mandatory energy benchmarking new Part 3 buildings (i.e. registration of new buildings on ENERGY STAR® Portfolio Manager) as part of higher steps of the BC Step Code requirement.				

Comments (Optional):

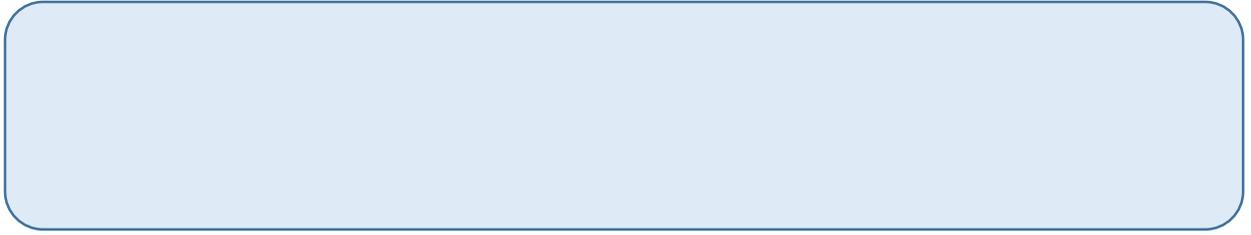


Built Environment

Strategy 5: Accelerate Efficiency and Renewable Energy Upgrades in Existing Buildings

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
<p>1. Improve the energy and carbon performance in the majority of Saanich buildings by 2030 by:</p> <ul style="list-style-type: none"> a) Working with property owners, management companies and building industry to capture opportunities and address barriers to low-carbon retrofits. b) Exploring options for energy requirements (e.g. EnerGuide home evaluation, air sealing, attic insulation) for major renovations over certain cost thresholds. c) Exploring and implementing effective tools (e.g. property tax freezes) to encourage commercial and multi-unit residential buildings undertake significant efficiency or renewable energy upgrades. d) Introduce voluntary energy benchmarking for existing buildings. 				
<p>2. Ensure all replacement space and water heating systems are renewable energy systems (i.e. heat pumps, or other efficient low-carbon systems as they become available) by:</p> <ul style="list-style-type: none"> a) Phasing out oil heating by 2030 through the creation of a new bylaw with Provincial assent. b) Providing simplified processes to access incentives, innovative financing (prioritized for lower income households), and targeted home and commercial building communications campaigns for buildings upgrading from fossil fuels (i.e. oil, propane, natural gas) to electric heat pumps. c) Explore regulatory power to require low-carbon space and water heating systems. 				

Comments (Optional):



Built Environment

Strategy 6: Increase Energy Security and Renewable Energy Supply

Action	Agree	Neither agree nor disagree	Disagree	Don't know/unsure
1. Support the development of local Renewable Natural Gas (RNG) production such as an RNG facility at Hartland landfill to utilize landfill gas or other opportunities as they arise.				
2. Support the Province and utilities to produce sufficient renewable fuels in order to meet demand.				
3. Develop a guide to explore renewable energy production potential in Saanich and support residents, individually or collectively, to use renewable energy supply and storage to improve self-sufficiency and emergency preparedness.				

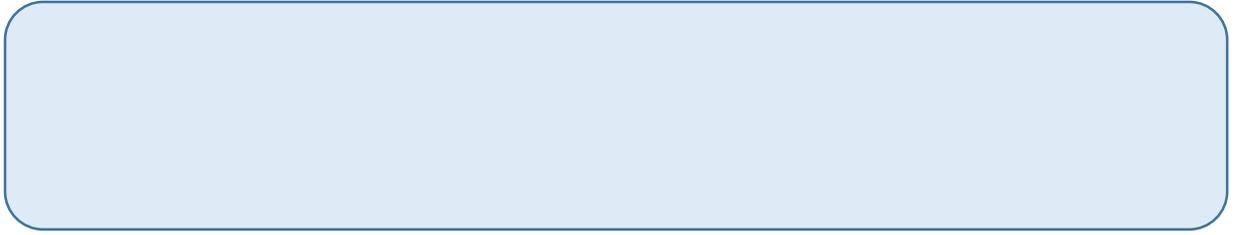
Comments (Optional):

Built Environment

Strategy 7: Transition towards a Climate-Ready Building Stock

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Develop a green roof policy for buildings over a certain size and/or certain geographical areas to improve stormwater runoff, building energy performance, habitat opportunities and urban cooling outcomes.				
2. Identify and implement strategies to further preserve and enhance permeability and stormwater management through development, for example by: <ul style="list-style-type: none"> a) Adopting a minimum permeable surface requirement in the zoning bylaw. . b) Reviewing permeability definitions, and ensuring hardscape permeable pavers are achieving their intent. c) Encouraging the implementation of rain gardens/bioswales on private lands. 				
3. Advocate that the Province incorporate adaptation (e.g. higher cooling demand, air filtration, wind loads, etc.) into the next building code update.				
4. Encourage building design or retrofit measures to reduce impact from heat waves and poor air quality events through passive and active design strategies (e.g. shading device, vegetation screen, heat pump/air conditioner with filters).				
5. Reduce potable water demand by: <ul style="list-style-type: none"> a) Providing resources to encourage the implementation of engineered greywater recovery systems in new development, and investigate incentives for institutions and commercial buildings over a certain size. b) Requiring rainwater collection systems (e.g. rainbarrels or cisterns) be installed in ground oriented new development. 				

Comments (Optional):



Built Environment

Strategy 8: Increase the Resilience of Saanich's Infrastructure and Assets

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
<p>1. Develop and implement a corporate asset management system that supports climate change considerations in the design, renewal, maintenance and replacement of municipal assets. Such a system will:</p> <ul style="list-style-type: none"> a) Undertake condition and capacity assessments of existing infrastructure (e.g. bridges, pump stations, culverts, retaining walls, etc.), to understand performance under future climate conditions and plan accordingly. b) Phase the integration of natural assets into the asset management system, to account for the value and services provided by natural systems. c) Determine data gaps and narrow them by increasing monitoring and data collection accordingly (e.g. flow monitoring, CCTV through pipes, general surveying, etc.). 				
<p>2. Accelerate the completion of a stormwater master plan that integrates climate projections and leverages natural assets.</p>				
<p>3. Conduct flood hazard planning in consideration of creeks/rivers and sea level rise.</p>				

Comments (Optional):

Built Environment

LCOSystems

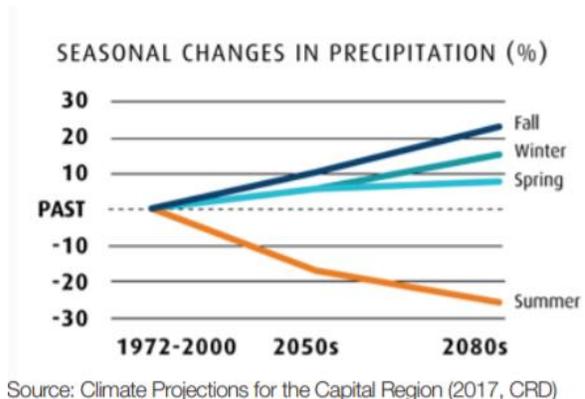
Strategy 9: Prepare for Long Term Sea Level Rise

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Complete detailed sea level rise mapping to inform updates to land use and development policies and bylaws (e.g. establish flood construction levels; create a flood hazard development permit area for coastal areas and flood plains for creek/waterways).				
2. Initiate the development of a Coastal Adaptation Strategy which explores longer term options and the preferred direction for adapting public infrastructure, protecting public amenities and beaches, supporting sensitive coastal ecosystems, and amending land uses in response to ongoing and/or extreme sea level rise along specific coastal extents.				
3. Increase sea level rise knowledge and capacity through the development and delivery of resources and materials for residents, businesses and developers, including through incentives and public education strategies for the use of Green Shore (naturalized) approaches to protect the shoreline from erosion and sea level rise.				

Comments (Optional):

Saanich’s natural areas and biodiversity are at high risk due to climate change, and many species and ecosystems are already showing strains. Increasing average temperatures, hotter, drier summers, coastal “squeeze” due to sea level rise, and more rain from fall through spring will cause a range of impacts, such as increased opportunities for invasive species, pests and diseases, compromised water quality and availability, and reduced viability of some native species.

Climate risks for ecosystems are higher than many other areas because there is no “technological fix”, and impacts are assessed to be very likely and potentially irreversible.



However, solutions that improve the resilience of ecosystems, such as expanding natural areas, connecting protected areas with natural corridors, and adapting our management techniques can have rich co-benefits for the community as a whole, such as increased recreational opportunities, physical and mental health, and air quality. Healthy natural systems also have the potential to support our adaptation and resilience efforts by delivering critical services such as storm water management, carbon sequestration and cooling. By viewing ecosystem services as part of our critical infrastructure and integrating it within our asset management approach, we can support the adaptation of our natural areas, while improving our own ability to respond to extreme weather and other changes.

Strategy 10: Enable Natural Systems to Thrive and Adapt

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Expand, connect and restore natural areas in Saanich through a variety of strategies that ensures their permanent protection and management to maximize ecosystem services and resilience, biodiversity, and carbon sequestration potential.				
2. Develop and implement a Biodiversity Conservation Strategy to support the health and resilience of ecosystems and species on public and private lands, working collaboratively with community groups, residents, all levels of government and other stakeholders. In relation to adaptation, the Biodiversity Strategy will provide direction and strategies to increase resilience and reduce impacts				
3. Establish baseline conditions and improve monitoring of species and ecosystem health over time.				

4. Develop new approaches including incentives, regulatory tools and metrics to maintain and restore natural areas on private land.				
5. Articulate principles and approaches for assisted migration to support species whose dispersion rates are unable to keep pace with climate change.				
6. Increase and diversify public engagement techniques to deepen public understanding of climate-related risks to native species, and strategies to support their adaptation.				
7. Grow the urban forest in Saanich by planting 10,000 new trees of diverse species by 2025 and strengthening protections for existing trees on private and public lands, while supporting management through a comprehensive tree inventory and asset management program.				

Comments (Optional):

Strategy 11: Protect and Manage Natural Assets as Critical Infrastructure

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Measure the value of natural assets to District services (e.g. stormwater management, pollination services, clean air, infrastructure cooling) and include them in asset management and services planning.				
2. Develop a land acquisition and protection strategy to support delivery of key goals and services required for adaptation (e.g. drainage, flooding, biodiversity).				

Comments (Optional):

Food and Consumption

Using a consumption-based inventory, the food and goods we buy and throw away, whether they are produced locally or anywhere else in the world, represent 19% and 9% of our community emissions, respectively - the largest emissions categories after transportation and buildings.

As the climate changes, we anticipate increasing problems with food production and affordability globally, along with new challenges and opportunities for local farmers. Focusing on improving local climate-friendly food production and access for residents, circular economy business opportunities, and lighter living consumer choices will all contribute to a more climate-friendly and resilient community.



In the CANTool model, “miscellaneous consumer emissions” refers to a number of territorial industrial activities, including agriculture and livestock, off-road equipment (e.g. excavators for construction) and other manufacturing processes.

To learn more, read the Food and Consumption and Waste backgrounders available at www.saanich.ca/climateplan.

Food and Consumption

Food and Consumption GHG reduction potential of total community emissions = 18%

- Achieve 100% Organic Waste Diversion: 4%
- 80% Reduction of Miscellaneous Consumer Emissions: 14%

See CANTool at www.saanich.ca/climateplan for more details on strategies and targets

Strategy 12: Improve the Resiliency and Self-Sufficiency of the Local Food System

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Support the development and implementation of an Agricultural Adaptation Strategy for Vancouver Island (being led by the BC Agriculture and Food Climate Action Initiative) to help local farmers and other stakeholders anticipate, plan for and increase resilience to climate change in our local food system.				
2. Accelerate the implementation of the Saanich Agriculture and Food Security Plan to improve food security, self-sufficiency and support the local food industry.				
3. Increase capacity for local food production through community gardens and apiaries, edible landscaping (e.g. fruit trees, edible plants), food forests and/or farms in parks and public lands, and facilitate access to training and workshops through recreation centres and community partners.				
4. Encourage the Province and the CRD to tie water licenses and subsidies to water-wise agricultural practices (e.g. use of drip irrigation, on-site reservoirs, etc.).				

Comments (Optional):

Food and Consumption

Strategy 13: Reduce Climate Impact of Food Production and Consumption

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Increase local food availability while reducing carbon emissions from production by accelerating action on the Agriculture and Food Security Plan, particularly Objective 4D (Encourage the Implementation of Climate Change Adaptation and Mitigation Measures for the Local Food System).				
2. Mobilize the community to choose low carbon foods and reduce food waste through such means as promoting the "Love Food, Hate Waste" campaign and the Saanich Carbon Calculator.				

Comments (Optional):

Strategy 14: Move Towards Zero Waste Production in Saanich

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Develop and implement a Zero Waste Strategy that aligns with the CRD Solid Waste Management plan and will, among other things, <ul style="list-style-type: none"> a) Eliminate single use plastics. b) Support a 'circular economy' that recovers and regenerates products and materials at the end of their useful life. c) Mobilize Saanich residents and businesses towards "lighter living" (reducing, repairing, etc.) using the Saanich Carbon Calculator and other tools. 				

d) Requiring zero waste strategy be submitted as part of the permitting process for large public events.				
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Comments (Optional):

Community Well-Being

Climate change has the potential to negatively impact the well-being of our community, with more extreme weather such as heat, poor air quality, and major storms exacerbating or causing health issues, damaging personal property, testing the limits of our emergency response capacity, and infringing on public amenities such as beaches. Vulnerable populations such as low-income households, individuals with pre-existing health conditions, or those with mobility challenges will be disproportionately impacted.

By taking proactive action and empowering people and organizations to be involved in the solutions, prepare themselves and their neighbourhoods, and work collaboratively towards a shared vision of the future, we can not only “weather” the changes ahead, but foster a more inclusive, connected and engaged community. We also have a unique opportunity to stimulate economic development and increase employment opportunities in the green economy. If done right, climate action represents an opportunity to actually improve the health and well-being of our community with vibrant and complete neighbourhoods, options for active transportation, improved access to nature, a green local economy, and an engaged population that is prepared to work together.



Community Well-Being

Strategy 15: Empower Saanich Residents and Businesses to Prepare for a Changing Climate

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
<p>1. Increase the public's capacity to prepare themselves, their homes, their neighbourhoods and their local ecosystems for a changing climate by developing and implementing integrated communications, education, training and engagement programs. This could include the following components:</p> <ul style="list-style-type: none"> a) A marketing campaign that highlights the urgency of climate action, showcases examples of local residents and businesses taking meaningful action, and integrates messaging into existing public education and programs (e.g. Saanich Emergency Program). b) Access to programming and workshops for residents and businesses on a range of resilience-related topics, such as home gardening, waterwise landscaping, on-site stormwater management, flood mitigation, emergency preparedness, etc. c) A neighbourhood-level program that encourages and supports neighbours in learning about and taking action on climate change together, including through the development of neighbourhood resilience inventories and plans. 				
<p>2. Explore the development of a bulk-purchase program to provide at-cost equipment and technologies that reduce energy costs and/or improve resilience (e.g. rain barrels, solar kits, emergency kits, etc.)</p>				
<p>3. Develop a community grants program for neighbours to work together and implement projects that build community resiliency.</p>				

Comments (Optional):

Community Well-Being

Strategy 16: Maintain Health Outcomes and Ensure Emergency Preparedness and Response Keeps Pace with Climate Change

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
<p>1. Improve Saanich's resilience to extreme heat and poor air quality events by:</p> <ul style="list-style-type: none"> a) Retrofitting municipal facilities to provide cooling centres and clean air refuges. b) Undertaking heat mapping in urban areas to inform policy and operational priorities for urban forest, landscaping, cooling amenities (e.g. drinking fountains), building materials and/or building features (e.g. green walls) with particular attention to improving equitable health outcomes. c) Working with the Province and Health authority to ensure coordinated response protocols during these events. 				
<p>2. Minimize wildfire risk in Saanich by:</p> <ul style="list-style-type: none"> a) Developing Saanich-specific wildfire prevention materials that seek to balance environmental protection with FireSmart principles, such as focusing on building materials and preferred tree species (e.g. deciduous), as opposed to the removal of all vegetation near a home. b) Reviewing the Interface Fire Hazard Risk Assessment every 10 years or as warranted by significant changes to drought conditions or ecosystem profiles, and updating the Interface 				

Fire Hazard Development Permit area as needed.				
3. Work with the Health Authority and other levels of government to minimize impacts from vector-borne diseases through prevention (e.g. habitat modification to reduce mosquito and tick breeding), public education, and early detection, warning and response systems.				
4. Review extreme weather protocols for vulnerable populations every 5 years and ensure they are sufficient for newly emerging and more severe weather events.				

Comments (Optional):

Community Well-Being

Strategy 17: Enhance Community Well-Being through Climate Action

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Mobilize an engaged, informed and active community by: <ul style="list-style-type: none"> a) Developing programs that integrate and support carbon reduction, ecosystem stewardship, emergency preparedness, and improved community resilience through tangible and hands-on neighbourhood-oriented activities. b) Creating a community climate fund. c) Developing a Citizen Assembly of local residents, businesses, and organizations to advise and monitor progress on Saanich's climate plan and to be ambassadors and partners for community climate action. 				

2. Ensure the Saanich Economic Development Strategy sections in upcoming Strategic Plan includes climate action employment and training opportunities such as attracting clean tech, growing employment in energy retrofits and renewable energy upgrades, circular economy, and other opportunities.				
3. Develop a Sustainable Saanich Scholars program with post-secondary institutions.				
4. Develop and apply an equity tool for evaluating the impacts of climate initiatives.				
5. Seek opportunities to partner with or otherwise support neighbouring First Nation Governments' climate initiatives and priorities.				

Comments (Optional):

Leading by Example

Saanich has reduced greenhouse gas emissions from our municipal operations since the launch of our 2010 climate action plan, including building and fleet efficiency improvements, purchasing electric light duty vehicles, switching to renewable energy for space and water heating, and more, but more action is needed to reach our new, more ambitious targets. To learn more about Saanich's climate action, including electric vehicle fleets, solar thermal and photovoltaic energy production, and more, visit the Leading by Example backgrounder available at www.saanich.ca/climateplan.

Corporate Strategy 1: Integrate climate action into Saanich processes and decision-making

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Make implementation a priority through the creation of: <ul style="list-style-type: none"> a) A cross-departmental climate leadership group to oversee implementation and monitoring of the plan. 				

<ul style="list-style-type: none"> b) A training and capacity building program for staff. c) A climate action financial strategy to ensure long term resources for the plan's actions. d) A citizen's assembly of local residents, businesses and organizations to advise, monitor progress and be ambassadors and partners for community climate action. 				
2. Develop and implement a climate lens tool to evaluate the greenhouse gas and resilience implications of capital investment, policy, and operational decisions (e.g. incorporate a carbon pricing of \$150 per tonne in business case analysis of corporate capital projects).				
3. Develop a risk register and monitoring platform that integrates climate risks and actions to support shared accountability and a mechanism to track risks and actions over time.				

Comments (Optional):

Leading by Example

Corporate Strategy 2: Transition to a Zero Emission Fleet and Sustainable Commuting

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Transform Saanich's corporate fleet to 100% low carbon renewable energy <ul style="list-style-type: none"> o Implementing a pooled e-bike program within the Saanich fleet, including Bike Safety Skills training. o Increase funding to support pilot projects for low carbon renewable energy for our medium and heavy-duty fleet such as garbage trucks and fire engines, based on detailed market- 				

<p>readiness, life cycle environmental and business case analyses for electric, biodiesel, renewable diesel, renewable compressed natural gas, hydrogen, and other emerging options.</p>				
<p>2. Achieve 100% sustainable commuting by Saanich staff (including zero-emission vehicles, public, and active transportation) through a “Climate Friendly Commuter Program” that will:</p> <ul style="list-style-type: none"> a) Promote public transit use to Saanich staff for commuting and appropriate work trips. b) Implement an employee loan program for personal e-bike purchases to be repaid on employee paycheques. c) Improve secure bike parking at all Saanich facilities to meet or exceed current bylaw requirements for new construction. Prioritize removing car parking for bike parking, rather than removing greenspace. Add charging opportunities for e-bikes and e-scooters. d) Consider expanding work from home/remote work access policies and practices. 				

Comments (Optional):

Leading by Example

Corporate Strategy 3: Showcase Renewable, Efficient Municipal Buildings

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Purchase or use only renewable, low-carbon energy (including electricity from BC Hydro, renewable natural gas from FortisBC, solar thermal, solar photovoltaic, and biomass sources) for space and water heating at Saanich Municipal Hall and all Saanich recreation centres by 2021.				
2. Showcase renewable energy and energy efficiency systems to the public.				
3. Pilot low embodied carbon materials in new construction.				

Comments (Optional):

Corporate Strategy 4: Reduce Waste and GHG Emissions Impact from Goods and Services

Action	Agree	Neither agree nor disagree	Disagree	Don't know/ unsure
1. Review and update Saanich Sustainable Procurement Guidelines with consideration of GHG emissions impact from purchasing decisions.				
2. Develop and implement corporate waste reduction initiatives including paper reduction, waste diversion, water bottle refilling stations at Saanich facilities and public events.				

Comments (Optional):

Do you have any other comments about the Phase 2 Draft Actions for the Saanich Climate Plan?

Thank you for completing this survey. Your input is important.

Please return this survey to the District of Saanich through any of the following methods:

<p>In person or by mail to: Saanich Municipal Hall, 770 Vernon Ave, Victoria BC, V8X 2W7</p> <p>Saanich Recreation Centres:</p> <ul style="list-style-type: none"> • Saanich Commonwealth Place, 4636 Elk Lake Drive, Victoria BC, V8Z 5M1 • Gordon Head, 4100 Lambrick Park Way, Victoria BC, V8N 5R3 • Cedar Hill, 3220 Cedar Hill Road, Victoria BC, V8P 3Y3 • G. R. Pearkes, 3100 Tillicum Road, Victoria BC, V9A 6T2 	<p>Fax: 250-475-5430</p>	<p>Scan or Digital Photos to: sustainability@saanich.ca</p>
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If you have additional feedback or questions, please write to sustainability@saanich.ca or call 250-475-5494 x3448.

APPENDIX C: DETAILED SURVEY RESULTS

Results below include online, paper, and two public open house responses.

Table 15 includes all non-open ended answers.

Open ended responses to all questions are listed in Tables 16 through 36.

Table 12 Survey results - level of agreement

Question	Response Options	Responses	%	Total Responses to the question
Q9. Accelerate the implementation of the Active Transportation Plan by increasing funding to the Transportation Division to build more sidewalks, improve intersection safety for vulnerable users, and upgrade transit routes and stops.	Agree	246	84%	294
	Neither agree nor disagree	32	11%	
	Disagree	13	4%	
	Don't know/unsure	3	1%	
Q10. Expand the Active & Safe Routes to School program to offer walking and cycling skills workshops for interested children and caregivers.	Agree	204	74%	276
	Neither agree nor disagree	49	18%	
	Disagree	17	6%	
	Don't know/unsure	6	2%	
Q11. Explore ways to improve bike parking at existing industrial, commercial and multi-unit residential buildings for tenants and visitors.	Agree	213	76%	279
	Neither agree nor disagree	38	14%	
	Disagree	25	9%	
	Don't know/unsure	3	1%	
Q12. In partnership with the CRD and the Province, develop and implement a promotion and incentive program for electric bicycles for Saanich residents.	Agree	195	65%	298
	Neither agree nor disagree	56	19%	
	Disagree	43	14%	
	Don't know/unsure	4	1%	
Q14. Request Victoria Regional Transit Commission and BC Transit: a) accelerate service level improvement and fleet electrification b) expand student pass program at a reduced price in collaboration with schools and/or school boards	Agree	222	77%	287
	Neither agree nor disagree	34	12%	
	Disagree	23	8%	
	Don't know/unsure	8	3%	

c) develop universal passes with major employers.				
Q15. Decrease public transit's travel time by creating dedicated bus lanes and queue jump lanes, and by reducing or eliminating signal wait times.	Agree	200	68%	292
	Neither agree nor disagree	44	15%	
	Disagree	43	15%	
	Don't know/unsure	5	2%	
Q16. Create a Transit Development Permit Area where greater density, more housing types, and appropriate parking requirements are encouraged within a specified walking distance of current and planned frequent public transit corridors.	Agree	185	65%	286
	Neither agree nor disagree	49	17%	
	Disagree	28	10%	
	Don't know/unsure	24	8%	
Q17. Update off-street parking requirements to reduce parking spaces in areas well serviced by transit or within walking distance to a centre or village.	Agree	140	48%	293
	Neither agree nor disagree	51	17%	
	Disagree	76	26%	
	Don't know/unsure	26	9%	
Q18. Develop enabling policies and dedicated resources for on-street and off-street parking management and enforcement, including time limits, pay parking, ticketing, and towing.	Agree	117	40%	289
	Neither agree nor disagree	65	22%	
	Disagree	90	31%	
	Don't know/unsure	17	6%	
Q20. Increase electric vehicle charging access (both public and private) by: a) Requiring all new development have EV-ready infrastructure. b) Providing incentives and support for installing EV charging infrastructure in existing buildings and homes. c) Doubling the number of public charging stations in Saanich by 2025, including doubling municipal-owned charging stations from 12 to 24.	Agree	231	82%	281
	Neither agree nor disagree	23	8%	
	Disagree	22	8%	
	Don't know/unsure	5	2%	
Q21. Work with businesses in Saanich and other agencies to identify opportunities for efficiencies, transitioning to	Agree	239	85%	281
	Neither agree nor disagree	22	8%	
	Disagree	18	6%	

renewable, low-carbon fuels, and right-sizing fleets (e.g. smaller vehicles, cargo bikes in fleets).	Don't know/unsure	2	1%	
Q24. Accelerate highly efficient, zero carbon new building construction by: a) Establishing timelines for achieving the higher steps of the BC Energy Step Code by 2025 or sooner, with relaxations for low-carbon building performance. b) Developing a rezoning policy to incentivize or require zero-carbon new construction (i.e. electric water and heating systems with on-site renewable energy systems) and/or meet higher step code levels.	Agree	197	77%	257
	Neither agree nor disagree	26	10%	
	Disagree	27	11%	
	Don't know/unsure	7	3%	
Q25. Remove municipal barriers to high performance buildings, including a review of Saanich bylaws to ensure heat pump installations are not discouraged (e.g. noise and setback).	Agree	206	81%	254
	Neither agree nor disagree	19	7%	
	Disagree	12	5%	
	Don't know/unsure	17	7%	
Q26. Introduce mandatory energy benchmarking new Part 3 buildings (i.e. registration of new buildings on ENERGY STAR® Portfolio Manager) as part of higher steps of the BC Step Code requirement.	Agree	172	68%	254
	Neither agree nor disagree	40	16%	
	Disagree	22	9%	
	Don't know/unsure	20	8%	
Q28. Improve the energy and carbon performance in the majority of Saanich buildings by 2030 by: a) Working with property owners, management companies and building industry to capture opportunities and address barriers to low-carbon retrofits. b) Exploring options for energy requirements (e.g. EnerGuide home evaluation, air sealing, attic insulation) for major renovations over certain cost thresholds. c) Exploring and implementing effective tools (e.g. property tax freezes) to encourage commercial and multi-unit residential buildings undertake significant efficiency or renewable energy upgrades.	Agree	194	77%	252
	Neither agree nor disagree	31	12%	
	Disagree	20	8%	
	Don't know/unsure	7	3%	

d) Introduce voluntary energy benchmarking for existing buildings.				
Q29. Ensure all replacement space and water heating systems are renewable energy systems (i.e. heat pumps, or other efficient low-carbon systems as they become available) by: a) Phasing out oil heating by 2030 through the creation of a new bylaw with Provincial assent. b) Providing simplified processes to access incentives, innovative financing (prioritized for lower income households), and targeted home and commercial building communications campaigns for buildings upgrading from fossil fuels (i.e. oil, propane, natural gas) to electric heat pumps. c) Explore regulatory power to require low-carbon space and water heating systems.	Agree	190	76%	250
	Neither agree nor disagree	25	10%	
	Disagree	31	12%	
	Don't know/unsure	4	2%	
Q31. Support the development of local Renewable Natural Gas (RNG) production such as an RNG facility at Hartland landfill to utilize landfill gas or other opportunities as they arise.	Agree	172	69%	249
	Neither agree nor disagree	36	14%	
	Disagree	24	10%	
	Don't know/unsure	17	7%	
Q32. Support the Province and utilities to produce sufficient renewable fuels in order to meet demand.	Agree	173	70%	246
	Neither agree nor disagree	34	14%	
	Disagree	20	8%	
	Don't know/unsure	19	8%	
Q33. Develop a guide to explore renewable energy production potential in Saanich and support residents, individually or collectively, to use renewable energy supply and storage to improve self-sufficiency and emergency preparedness.	Agree	202	82%	247
	Neither agree nor disagree	27	11%	
	Disagree	10	4%	
	Don't know/unsure	8	3%	
Q35. Develop a green roof policy for buildings over a certain size and/or certain geographical areas to improve stormwater runoff, building energy performance, habitat	Agree	205	84%	245
	Neither agree nor disagree	15	6%	
	Disagree	19	8%	
	Don't know/unsure	6	2%	

opportunities and urban cooling outcomes.				
Q36. Identify and implement strategies to further preserve and enhance permeability and stormwater management through development, for example by: a) Adopting a minimum permeable surface requirement in the zoning bylaw. b) Reviewing permeability definitions, and ensuring hardscape permeable pavers are achieving their intent. c) Encouraging the implementation of rain gardens/bioswales on private lands.	Agree	191	80%	238
	Neither agree nor disagree	22	9%	
	Disagree	15	6%	
	Don't know/unsure	10	4%	
Q37. Advocate that the Province incorporate adaptation (e.g. higher cooling demand, air filtration, wind loads, etc.) into the next building code update.	Agree	170	71%	240
	Neither agree nor disagree	35	15%	
	Disagree	16	7%	
	Don't know/unsure	19	8%	
Q38. Encourage building design or retrofit measures to reduce impact from heat waves and poor air quality events through passive and active design strategies (e.g. shading device, vegetation screen, heat pump/air conditioner with filters).	Agree	204	84%	243
	Neither agree nor disagree	27	11%	
	Disagree	9	4%	
	Don't know/unsure	3	1%	
Q39. Reduce potable water demand by: a) Providing resources to encourage the implementation of engineered greywater recovery systems in new development, and investigate incentives for institutions and commercial buildings over a certain size. b) Requiring rainwater collection systems (e.g. rainbarrels or cisterns) be installed in ground oriented new development.	Agree	192	79%	244
	Neither agree nor disagree	24	10%	
	Disagree	18	7%	
	Don't know/unsure	10	4%	
Q41. Develop and implement a corporate asset management system that supports climate change considerations in the design, renewal, maintenance and	Agree	161	68%	236
	Neither agree nor disagree	34	14%	
	Disagree	16	7%	
	Don't know/unsure	25	11%	

<p>replacement of municipal assets. Such a system will:</p> <p>a) Undertake condition and capacity assessments of existing infrastructure (e.g. bridges, pump stations, culverts, retaining walls, etc.), to understand performance under future climate conditions and plan accordingly.</p> <p>b) Phase the integration of natural assets into the asset management system, to account for the value and services provided by natural systems.</p> <p>c) Determine data gaps and narrow them by increasing monitoring and data collection accordingly (e.g. flow monitoring, CCTV through pipes, general surveying, etc.).</p>				
<p>Q42. Accelerate the completion of a stormwater master plan that integrates climate projections and leverages natural assets.</p>	Agree	185	78%	237
	Neither agree nor disagree	29	12%	
	Disagree	7	3%	
	Don't know/unsure	16	7%	
<p>Q43. Conduct flood hazard planning in consideration of creeks/ivers and sea level rise.</p>	Agree	193	81%	238
	Neither agree nor disagree	28	12%	
	Disagree	9	4%	
	Don't know/unsure	8	3%	
<p>Q45. Complete detailed sea level rise mapping to inform updates to land use and development policies and bylaws (e.g. establish flood construction levels; create a flood hazard development permit area for coastal areas and flood plains for creek/waterways).</p>	Agree	178	76%	233
	Neither agree nor disagree	30	13%	
	Disagree	12	5%	
	Don't know/unsure	13	6%	
<p>Q46. Initiate the development of a Coastal Adaptation Strategy which explores longer term options and the preferred direction for adapting public infrastructure, protecting public amenities and beaches, supporting sensitive coastal ecosystems, and amending land uses in response to ongoing and/or</p>	Agree	177	75%	235
	Neither agree nor disagree	32	14%	
	Disagree	14	6%	
	Don't know/unsure	12	5%	

extreme sea level rise along specific coastal extents.				
Q47. Increase sea level rise knowledge and capacity through the development and delivery of resources and materials for residents, businesses and developers, including through incentives and public education strategies for the use of Green Shore (naturalized) approaches to protect the shoreline from erosion and sea level rise.	Agree	179	76%	235
	Neither agree nor disagree	30	13%	
	Disagree	17	7%	
	Don't know/unsure	9	4%	
Q50. Expand, connect and restore natural areas in Saanich through a variety of strategies that ensures their permanent protection and management to maximize ecosystem services and resilience, biodiversity, and carbon sequestration potential.	Agree	197	86%	229
	Neither agree nor disagree	18	8%	
	Disagree	12	5%	
	Don't know/unsure	2	1%	
Q51. Develop and implement a Biodiversity Conservation Strategy to support the health and resilience of ecosystems and species on public and private lands, working collaboratively with community groups, residents, all levels of government and other stakeholders. In relation to adaptation, the Biodiversity Strategy will provide direction and strategies to increase resilience and reduce impacts.	Agree	185	81%	228
	Neither agree nor disagree	22	10%	
	Disagree	18	8%	
	Don't know/unsure	3	1%	
Q52. Establish baseline conditions and improve monitoring of species and ecosystem health over time.	Agree	194	84%	232
	Neither agree nor disagree	21	9%	
	Disagree	12	5%	
	Don't know/unsure	5	2%	
Q53. Develop new approaches including incentives, regulatory tools and metrics to maintain and restore natural areas on private land.	Agree	167	72%	231
	Neither agree nor disagree	19	8%	
	Disagree	35	15%	
	Don't know/unsure	10	4%	
Q54. Articulate principles and approaches for assisted migration to support species whose	Agree	154	67%	231
	Neither agree nor disagree	40	17%	
	Disagree	20	9%	

dispersion rates are unable to keep pace with climate change.	Don't know/unsure	17	7%	
Q55. Increase and diversify public engagement techniques to deepen public understanding of climate-related risks to native species, and strategies to support their adaptation.	Agree	180	79%	228
	Neither agree nor disagree	27	12%	
	Disagree	18	8%	
	Don't know/unsure	3	1%	
Q56. Grow the urban forest in Saanich by planting 10,000 new trees of diverse species by 2025 and strengthening protections for existing trees on private and public lands, while supporting management through a comprehensive tree inventory and asset management program.	Agree	182	71%	228
	Neither agree nor disagree	17	7%	
	Disagree	24	9%	
	Don't know/unsure	5	2%	
Q58. Measure the value of natural assets to District services (e.g. stormwater management, pollination services, clean air, infrastructure cooling) and include them in asset management and services planning.	Agree	176	78%	226
	Neither agree nor disagree	28	12%	
	Disagree	12	5%	
	Don't know/unsure	10	4%	
Q59. Develop a land acquisition and protection strategy to support delivery of key goals and services required for adaptation (e.g. drainage, flooding, biodiversity).	Agree	173	77%	225
	Neither agree nor disagree	24	11%	
	Disagree	12	5%	
	Don't know/unsure	16	7%	
Q62. Support the development and implementation of an Agricultural Adaptation Strategy for Vancouver Island (being led by the BC Agriculture and Food Climate Action Initiative) to help local farmers and other stakeholders anticipate, plan for and increase resilience to climate change in our local food system.	Agree	216	88%	246
	Neither agree nor disagree	12	5%	
	Disagree	12	5%	
	Don't know/unsure	6	2%	
Q63. Accelerate the implementation of the Saanich Agriculture and Food Security Plan to improve food security, self-sufficiency and support the local food industry.	Agree	212	85%	249
	Neither agree nor disagree	23	9%	
	Disagree	10	4%	
	Don't know/unsure	4	2%	
Q64. Increase capacity for local food production through community gardens and apiaries, edible	Agree	227	92%	248
	Neither agree nor disagree	11	4%	

landscaping (e.g. fruit trees, edible plants), food forests and/or farms in parks and public lands, and facilitate access to training and workshops through recreation centres and community partners.	Disagree	10	4%	
	Don't know/unsure	0	0%	
Q65. Encourage the Province and the CRD to tie water licenses and subsidies to water-wise agricultural practices (e.g. use of drip irrigation, on-site reservoirs, etc.).	Agree	203	83%	244
	Neither agree nor disagree	18	7%	
	Disagree	13	5%	
	Don't know/unsure	10	4%	
Q67. Increase local food availability while reducing carbon emissions from production by accelerating action on the Agriculture and Food Security Plan, particularly Objective 4D (Encourage the Implementation of Climate Change Adaptation and Mitigation Measures for the Local Food System).	Agree	185	73%	253
	Neither agree nor disagree	32	13%	
	Disagree	15	6%	
	Don't know/unsure	21	8%	
Q68. Mobilize the community to choose low carbon foods and reduce food waste through such means as promoting the “Love Food, Hate Waste” campaign and the Saanich Carbon Calculator.	Agree	188	75%	251
	Neither agree nor disagree	31	12%	
	Disagree	23	9%	
	Don't know/unsure	9	4%	
Q70. Develop and implement a Zero Waste Strategy that aligns with the CRD Solid Waste Management plan and will, among other things, a) Eliminate single use plastics. b) Support a ‘circular economy’ that recovers and regenerates products and materials at the end of their useful life. c) Mobilize Saanich residents and businesses towards “lighter living” (reducing, repairing, etc.) using the Saanich Carbon Calculator and other tools. d) Requiring zero waste strategy be submitted as part of the permitting process for large public events.	Agree	210	84%	250
	Neither agree nor disagree	17	7%	
	Disagree	21	8%	
	Don't know/unsure	2	1%	
Q73. Increase the public’s capacity to prepare themselves, their homes, their neighbourhoods and their local ecosystems for a changing	Agree	174	76%	230
	Neither agree nor disagree	28	12%	
	Disagree	19	8%	

<p>climate by developing and implementing integrated communications, education, training and engagement programs. This could include the following components:</p> <p>a) a marketing campaign that highlights the urgency of climate action, showcases examples of local residents and businesses taking meaningful action, and integrates messaging into existing public education and programs (e.g. Saanich Emergency Program).</p> <p>b) access to programming and workshops for residents and businesses on a range of resilience-related topics, such as home gardening, waterwise landscaping, on-site stormwater management, flood mitigation, emergency preparedness, etc.</p> <p>c) a neighbourhood-level program that encourages and supports neighbours in learning about and taking action on climate change together, including through the development of neighbourhood resilience inventories and plans.</p>	Don't know/unsure	9	4%	
<p>Q74. Explore the development of a bulk-purchase program to provide at-cost equipment and technologies that reduce energy costs and/or improve resilience (e.g. rain barrels, solar kits, emergency kits, etc.)</p>	Agree	200	88%	228
	Neither agree nor disagree	15	7%	
	Disagree	10	4%	
	Don't know/unsure	3	1%	
<p>Q75. Develop a community grants program for neighbours to work together and implement projects that build community resiliency.</p>	Agree	172	75%	229
	Neither agree nor disagree	24	10%	
	Disagree	22	10%	
	Don't know/unsure	11	5%	
<p>Q77. Improve Saanich's resilience to extreme heat and poor air quality events by:</p> <p>a) retrofitting municipal facilities to provide cooling centres and clean air refuges.</p> <p>b) undertaking heat mapping in urban areas to inform policy and operational priorities for urban</p>	Agree	182	79%	231
	Neither agree nor disagree	29	13%	
	Disagree	15	6%	
	Don't know/unsure	5	2%	

<p>forest, landscaping, cooling amenities (e.g. drinking fountains), building materials and/or building features (e.g. green walls) with particular attention to improving equitable health outcomes.</p> <p>c) working with the Province and Health authority to ensure coordinated response protocols during these events.</p>				
<p>Q78. Minimize wildfire risk in Saanich by:</p> <p>a) developing Saanich-specific wildfire prevention materials that seek to balance environmental protection with FireSmart principles, such as focusing on building materials and preferred tree species (e.g. deciduous), as opposed to the removal of all vegetation near a home.</p> <p>b) reviewing the Interface Fire Hazard Risk Assessment every 10 years or as warranted by significant changes to drought conditions or ecosystem profiles, and updating the Interface Fire Hazard Development Permit area as needed.</p>	Agree	179	79%	227
	Neither agree nor disagree	20	9%	
	Disagree	12	5%	
	Don't know/unsure	16	7%	
<p>Q79. Work with the Health Authority and other levels of government to minimize impacts from vector-borne diseases through prevention (e.g. habitat modification to reduce mosquito and tick breeding), public education, and early detection, warning and response systems.</p>	Agree	181	78%	231
	Neither agree nor disagree	33	14%	
	Disagree	7	3%	
	Don't know/unsure	10	4%	
<p>Q80. Review extreme weather protocols for vulnerable populations every 5 years and ensure they are sufficient for newly emerging and more severe weather events.</p>	Agree	176	76%	231
	Neither agree nor disagree	31	13%	
	Disagree	14	6%	
	Don't know/unsure	10	4%	
<p>Q82. Mobilize an engaged, informed and active community by:</p> <p>a) Developing programs that integrate and support carbon reduction, ecosystem stewardship, emergency preparedness, and improved community resilience</p>	Agree	143	62%	231
	Neither agree nor disagree	43	19%	
	Disagree	31	13%	
	Don't know/unsure	14	6%	

through tangible and hands-on neighbourhood-oriented activities. b) Creating a community climate fund. c) Developing a Citizen Assembly of local residents, businesses, and organizations to advise and monitor progress on Saanich's climate plan and to be ambassadors and partners for community climate action.				
Q83. Ensure the Saanich Economic Development Strategy sections in upcoming Strategic Plan includes climate action employment and training opportunities such as attracting clean tech, growing employment in energy retrofits and renewable energy upgrades, circular economy, and other opportunities.	Agree	180	80%	226
	Neither agree nor disagree	18	8%	
	Disagree	17	8%	
	Don't know/unsure	11	5%	
Q84. Develop a Sustainable Saanich Scholars program with post-secondary institutions.	Agree	130	57%	227
	Neither agree nor disagree	41	18%	
	Disagree	37	16%	
	Don't know/unsure	19	8%	
Q85. Develop and apply an equity tool for evaluating the impacts of climate initiatives.	Agree	134	60%	224
	Neither agree nor disagree	40	18%	
	Disagree	22	10%	
	Don't know/unsure	28	13%	
Q86. Seek opportunities to partner with or otherwise support neighbouring First Nation Governments' climate initiatives and priorities.	Agree	167	74%	225
	Neither agree nor disagree	28	12%	
	Disagree	24	11%	
	Don't know/unsure	6	3%	
Q89. Make implementation a priority through the creation of: a) a cross-departmental climate leadership group to oversee implementation and monitoring of the plan. b) a training and capacity building program for staff. c) a climate action financial strategy to ensure long term resources for the plan's actions.	Agree	158	65%	242
	Neither agree nor disagree	42	17%	
	Disagree	31	13%	
	Don't know/unsure	11	5%	

d) a citizen’s assembly of local residents, businesses and organizations to advise, monitor progress and be ambassadors and partners for community climate action.				
Q90. Develop and implement a climate lens tool to evaluate the greenhouse gas and resilience implications of capital investment, policy, and operational decisions (e.g. incorporate a carbon pricing of \$150 per tonne in business case analysis of corporate capital projects).	Agree	136	57%	238
	Neither agree nor disagree	36	15%	
	Disagree	31	13%	
	Don’t know/unsure	35	15%	
Q91. Develop a risk register and monitoring platform that integrates climate risks and actions to support shared accountability and a mechanism to track risks and actions over time.	Agree	159	66%	241
	Neither agree nor disagree	32	13%	
	Disagree	25	10%	
	Don’t know/unsure	25	10%	
Q93. Transform Saanich’s corporate fleet to 100% low carbon renewable energy by: a) Implementing a pooled e-bike program within the Saanich fleet, including Bike Safety Skills training. b) Conducting pilot projects for zero emission vehicles for our medium and heavy-duty fleet such as garbage trucks and fire engines, based on detailed market-readiness, life cycle environmental and business case analyses for electric, biodiesel, renewable diesel, renewable compressed natural gas, hydrogen, and other emerging options.	Agree	191	79%	242
	Neither agree nor disagree	24	10%	
	Disagree	19	8%	
	Don’t know/unsure	8	3%	
Q94. Achieve 100% sustainable commuting by Saanich staff (including zero-emission vehicles, public, and active transportation) through a “Climate Friendly Commuter Program” that will: a) Promote public transit use to Saanich staff for commuting and appropriate work trips. b) Implement an employee loan program for personal e-bike	Agree	187	76%	246
	Neither agree nor disagree	25	10%	
	Disagree	30	12%	
	Don’t know/unsure	4	2%	

<p>purchases to be repaid on employee paycheques.</p> <p>c) Improve secure bike parking at all Saanich facilities to meet or exceed current bylaw requirements for new construction. Prioritize removing car parking for bike parking, rather than removing greenspace. Add charging opportunities for e-bikes and e-scooters.</p> <p>d) Consider expanding work from home/remote work access policies and practices.</p>				
<p>Q96. Purchase or use only renewable, low-carbon energy (including electricity from BC Hydro, renewable natural gas from FortisBC, solar thermal, solar photovoltaic, and biomass sources) for space and water heating at Saanich Municipal Hall and all Saanich recreation centres by 2021.</p>	Agree	188	80%	236
	Neither agree nor disagree	18	8%	
	Disagree	19	8%	
	Don't know/unsure	11	5%	
<p>Q97. Showcase renewable energy and energy efficiency systems to the public.</p>	Agree	200	83%	241
	Neither agree nor disagree	30	12%	
	Disagree	10	4%	
	Don't know/unsure	1	0%	
<p>Q98. Pilot low embodied carbon materials in new construction.</p>	Agree	179	75%	238
	Neither agree nor disagree	35	15%	
	Disagree	11	5%	
	Don't know/unsure	13	5%	
<p>Q100. Review and update Saanich Sustainable Procurement Guidelines with consideration of GHG emissions impact from purchasing decisions.</p>	Agree	182	77%	236
	Neither agree nor disagree	20	8%	
	Disagree	13	6%	
	Don't know/unsure	21	9%	
<p>Q101. Develop and implement corporate waste reduction initiatives including paper reduction, waste diversion, and water bottle refilling stations at Saanich facilities and public events.</p>	Agree	217	91%	239
	Neither agree nor disagree	11	5%	
	Disagree	9	4%	
	Don't know/unsure	2	1%	

Table 13 Survey results S1 - active transportation comments

Comments on Strategy 1: Invest in Active Transportation
1) starting thinking about legislative strategies that will support the use of driver-less vehicles in Saanich. What will the community need to do to be able to support if becomes viable provincially, and also as a suburb of a somewhat retirement focused community, this will really help to keep seniors in their own homes at their increased happiness, and decreased costs for the wider community, so something to raise awareness with your provincial colleagues. The reason is that having your driving privileges revoked due to old age is a life changing experience.
a dramatic increase of connected paved trails for bikes, e-bikes, and pedestrians would help incentivize people to commute on their bikes. Additionally, an introduction of a toll system on the one or a congestion toll in the downtown core of Victoria would disincentivize people to drive their cars.
Active transportation needs to include 20 minute neighbourhood planning so that not just the most able will benefit from new infrastructure. This also needs to include roads that de-centre cars to better utilize the paved areas rather than expand them.
After having 2 bikes stolen. I haven't bought another one.
All ages and abilities bike routes needed including protected bike + lanes (for bikes, wheelchairs and mobility scooters+). (x2 agree)
Also - incentivize employers and developers that plan for cyclists by including things like showers and lockers in their building plans and workplaces
Also look to new bike network in Victoria - monitor it's success and effort
Also want to include AAA bike paths and network in strategy 9 above
An investment which requires secure storage and bike beginners! (x1 neither agree nor disagree)
As a new mom I've noticed a lack of accessibility for strollers almost everywhere I walk in Saanich. I feel there is a huge need for safer sidewalks and lower curbs. Adding cycling lanes makes pedestrians feel safer walking by being further away from our very busy roads.
As part of the ATP, increase bike parking throughout Saanich (especially in and around commercial areas, Villages, and Centres).
As someone with somewhat limited mobility, I like the electric bicycle incentive option. I would love to bike to work, but can't do so on a regular bike.
As we just took our vehicle off the street, we've noticed our biggest concern is walking and bike safety.
Batteries have conflict compounds and are not sustainably mined. Manual biking is the only sustainable option. Free public buses are what bicycle and walk-challenged people need.
Better bike infrastructure to UVic/along Mckenzie. The current lanes are certainly far better than nothing, but aren't great and stop at the Lochside trail when they could continue directly to the Galloping Goose
better bike lanes that are safe for kids! (x3 agree)
Bike lane down interurban
Bike lanes are required as well on major roads
Bike lanes that start where there is room and end where the road is narrow are.... Annoying. (x3 agree)

Bike plans are great, and I support them. However, I am a much stronger supporter of other types of public transit and want to see resources put there first. People with disabilities, elderly, people needing to transport items - all need an extensive and inclusive and AFFORDABLE transit system, whether that is bus, light rail, etc. Bikes are a lovely way of reducing emissions and building the health of a portion of the population. But my concern is that in many cases, this portion of the population is already more privileged and is more able to afford or use other options like electric vehicles anyways. I definitely rate buses as a necessity over bikes!

Buses are a necessity over bikes. I support the use of bikes - they are a beautiful idea - however if a choice needs to be made I feel public transit has priority. It will support the people who don't have the choices for other transportation options. Bikes are only useful to a small, healthy, and sometimes privileged people. Buses should be made more accessible to everyone of all classes.

by far the biggest barrier to increased active transportation is lack of connected infrastructure - bike lanes in Saanich/CRD start and stop randomly - without a connected (safe) network the targets will not be met

Change current intersection to roundabouts. (x1 agree)

Connected pathways and corridors should be the focus, but this doesn't mean bike lanes.

creating affordable transit methods

Cycling is my main transportation. I spend a minimum of 4 hours per week on roads on my bicycle, year-round. Thank you.

Cycling is the logical transport method here

E-bikes are a Pandora's Box of hazards to other cyclists and pedestrians. The Goose is becoming dangerous to ride or walk with their proliferation, which was noticeable after Bike to Work Week.

Electric bicycles in a place where it rains most of the year? Seems like a lower priority.

Electric bikes unsafe Drivers fly by w little regard to others or rules

Encourage the CRD to properly pave the Lochside regional trail through the entire Blenkinsop Valley --- without delay!

Ensure that side walks are truly wheelchair accessible

Ensuring access to such things for those with mobility challenges or physical disabilities is critical (e.g. wide enough bike lanes to accommodate tricycles, access to alternate bike construction options, etc.)

Explore complete streets and walkable communities concepts, including approaches to traffic calming, so that walking, transit, cycling will be better encouraged on the streets relative to personal motor vehicles.

First priority should be towards human-powered transport. Electric powered transport should come second.

Get an interactive map for public transit and active transit users to report issues. User engagement, improved usability right were it matters. (x1 agree)

Get those bike lanes developed on Gorge road please! We've been waiting for them for 20 years... when will it be done? (x3 agree)

Highly support cycling infrastructure and micro mobility investment as a 9 year cycling commuter

I am ambivalent about it because it does use energy that needs generating by something other than pedal-power but on the other hand, there are people who are unlikely to ever get going on a regular bicycle who will use electric bicycles if they are more affordable.

I am doubtful of the ROI on subsidizing electric bicycles for residents.

I am not sure on Saanich's parking requirement by-laws but perhaps swapping out some parking spot requirements for secured bike lock areas would be an idea. Parking lots are bad for the environment and also bad for housing. Bike lock-ups could resolve this, as bikes have a far smaller footprint per person than cars do.

I appreciate the public education component of this strategy, however with regard to bike safety, I notice that the increase in bike infrastructure and programs doesn't necessarily mean that drivers are informed about bike safety (to leave a certain distance of room, etc) and I think that this might be a useful component in shifting our culture toward normalizing a lot more bike use - also noting the growing animosity in the city towards bike lanes, while I personally find that ridiculous, I think that there needs to be a two-way conversation as well. Thanks.

I disagree with more bikes until the city can figure out how to police the existing trails. Electric bikes are way too dangerous at the speed they travel, people use the paths for gasoline scooters, the speed limit is not enforced, and the police have indicated that any electric vehicle that fits between the Ballard's is acceptable for use. Somebody is going to get killed in an electric bike accident and the city will be responsible because they have willfully chosen to not enforce the rules off the trails.

I don't see questions re improvements to bicycle networks nor questions re working with BC Transit to make transit more affordable/free

I don't think government should use taxpayer money for this, it should be private pay.

I have not found any issue with bike parking in Saanich; however, lack of bike lanes are a major issue. Most kids know how to ride a bike, or learn from their parents and don't need a workshop.

I highly support cycling for transportation

I often walk to work, and during last year's snowstorm walked every day, but the sidewalks were mostly uncleared and became very dangerous, even for an able-bodied person. If winters become more snowy, this would be a big concern.

I put "Disagree" on question 10 because we need safe walking and cycling routes, not additional skills to ward off bad drivers.

I think a safe network of bike routes and sidewalks is much more important than an incentive program and at this point although I am very thankful that Saanich is working on their bike network and sidewalk infrastructure there is a lot to do on these fronts.

I think all of these ideas are great! Personally improved sideways and bike connection routes are a top priority. Especially sidewalks, very important for safety as well as traffic calming measures on residential streets. Too many are used as cut throughs. Of particular importance would Savannah road between Cloverdale and Tattersall, highly used corridor that could use sidewalks (at least one side), traffic calming (traffic can be quite aggressive and speedy for pedestrians which are numerous) and potentially a bike corridor.

I think incentive program for both electric and non-electric bikes should be implemented. Non-electric bikes are even more environmentally friendly...

I would definitely be keen for ebike incentives as I work in the Cordova Ridge and can't manage to get my bike up there without pushing it. :)

I would love to get an electric bicycle (cargo one) and get rid of our car. I have a busy life as single mum or two children, so no transport isn't an option. Electric is what I'd like to do, but right now it's cost-prohibitive.

I would love to see more bike lanes on busy roads. (ie. Glanford and Carey)

I'd love to see more AAA bike network improvements and iterative improvements on existing networks. These are the initiatives I'm most proud to see in Saanich's plans.

In commercial districts, consider protected bike lanes. In residential districts, consider traffic calming such as diverters so that bicycles, cars, and children can safely share streets.

include 'electric bikes' under either bikes or EV category....

Increase bike lanes and bike paths.

Increase education for kids

Increase property taxes to fund increased public transit services (route coverage and frequency and build a fleet of electric buses) and decrease and eventually eliminate fares. While not exactly related to "active" transportation I figured I'd get this in in case it doesn't come under other headings. More specific to "active" transportation - build more bike lanes that are more effectively protected from motorized traffic. That may sound like an endorsement of the new bike lanes in Victoria, which it is, but it can also be as simple as ensuring adequately wide shoulders in good repair and not hazardously close to deep ditches with painted bike lanes.

Invest in more continuous bike lanes on major n/s streets e.g. Shelbourne, Quadra, Tillicum, Glanford. (x2 agree)

It is important to develop programs that are understood by school age kids. Educate kids, teach them the links between climate change, renewable energy and healthy environment.

It's silly that we subsidize electric cars for thousands and ignore bicycles completely

Make residential streets safer to encourage cycling and walking.

More affordable and more equitable as opposed to subsidies for electric cars which almost exclusively benefit the wealthy.

More bike lanes or bigger shoulders on roads with little to no shoulder as well as incentives for cycling or other green methods of commuting.

More bike lanes!!

More protected bike lanes

Must preserve trees. Remove or make narrower auto lanes rather than trees when creating bicycle lanes.

Need street cars or LRT in CRD. Biggest bang for our buck

NEED TO CLARIFY IF ELECTRIC BIKES WHICH CAN GO QUITE FAST ARE PERMITTED ON TRAILS, BIKE LANES. SPEED LIMITS ON TRAILS?

Need to discern difference in strategies for rural and urban Saanich

need to distinguish between strategies for rural and urban Saanich

Need to look at ways to reduce car/truck usage by city employees - e.g reduce parking at municipal yard and encourage bus, cycling, pooling.

No destruction of green and natural areas for 'active transportation' initiatives. Improve existing streets and infrastructure.

No mention of EVs or Hydrogen powered vehicles. PLEASE please say NO to Hydrogen. It makes no sense. EV is the way to go. The distribution network brings electricity into every home, already.

Of course! Let's be green leaders!

Outreach/engagement to students, newcomer communities and people who speak different languages.

Phase out drive-in businesses to reduce idling in line-ups

Please please please develop raised low speed bumps on roadways interesting w Lochside Trail. I commute several days a week between Caddy Bay and Brentwood and we need increased safety at Hunt...Dooley and also at lights by Mitchell Farm where when cycling eastbound the road dissolves into huge bumps and potholes. Mt Doug park can also be unsafe, esp w excessive speeds and vehicles driving right up to and on the bike lane. This spring was particularly bad with boughs and leaves down resulting in having to cross line into traffic. I have almost been t boned three times now at Hunt road...twice by road bikes coming onto Hunt at about 60 and once by a truck speeding! They should have to stop...full stop...and Lochside riders yield! Make it inconvenient for us when we choose to drive cars!

Prefer small road worthy covered vehicles similar to cross between electric smart car and senior's shopping scooters. Require driving licence, high visibility and crash protection. Obtain cost breaks, plug in facilities at housing, theft security.

Properly pave the interurban rail trail without delay!

Provide bike rack planning and installation advice (it communicates commitment to climate action, prime parking incentive) (x1 agree)

Provide incentives to publicly accessible facilities to provide bike racks (matching grant?0

Provide workshops or information sessions on strategies. It is likely some are unsure

Public transit improvements will be more widely used than pedestrian and cycling improvements.

Question 9 states "Accelerate the implementation of the Active Transportation Plan by increasing funding to the Transportation Division to build more sidewalks, improve intersection safety for vulnerable users, and upgrade transit routes and stops." Why did it not include protected bike lanes, which are part of the Plan? I REALLY REALLY want bike lanes, and proper sidewalks and boulevards on Burnside Road. I have to walk and cycle along it to get to work and do errands and it feels so unsafe, unpleasant and loud because the roadway is wide and abuts a narrow sidewalk with no bike lanes.

Quit the politics & have a date & costing. For completion

re Q9 - "build more sidewalks" is too broad. Presumably this is only for main arteries not side streets, where they are probably not needed? Q11 - require optimistic bike parking as part of any new or renovated industrial, commercial and multi-unit residential buildings for tenants and visitors.

Rebates for e-bikes please!

Saanich needs to commit to developing better pedestrian and cycling infrastructure. We need traffic calming strategies, better sidewalks, bike lanes and for the love of Pete please reduce the speed limit to 40k. Everyone does 60k right now. I've watched deer, cats, squirrels, rabbits, raccoons, and all kinds of "lesser" animals get schmucked by speeding cars. Am I next? I have no sidewalk to walk on. Jeez. I'm fed up.

Saanich needs to ramp up alternatives to driving gas- and diesel-powered cars and quickly. Also make it more convenient for walking and cycling -- more paths for both modes.

Safe routes for all ages is essential for increasing mode share for cycling

Safe routes to school program-In my day the Kiwanis trained us to be crossing guards in grade 6 which was an honour and a good experience of responsibility. Reinstate such a program as paid crossing guards are being cancelled.

Safer bike routes should also be considered a priority, as many roads in Saanich are narrow and quite busy! For example, Shelbourne should be changed to single lane traffic in each direction, with a wider lane and lower speed limit, and then have designated bike lanes in each direction - preferably with a divider of sorts. It's an incredibly unsafe road right now.

Shame parents who insist on driving their children to school. Improve bike parking from a cyclist's point of view.

Shelbourne and Quadra streets presently are unsafe for cycling (narrow outside lanes and avg. vehicle speed 60-65 kph with many vehicles at 65-75 kph.

stop catering to the bicycle jihadis and start enforcing the traffic laws with regard to bikes

Strongly agree with incentives and rebates for the purchase of e-bikes. Look how EVs are flying off the shelves with rebates--well, e-bikes are a way more effective climate solution so we should try to do the same with them

Suggest accelerating sidewalk construction over bike network completion, as need to be able to walk to access transit.

Support general bicycles too.

The existing bicycle parking regulations described in the Zoning Bylaw are fine. I never have an issue finding a place to secure my bicycle.

The primary goal needs to be improving pedestrian and bicycle infrastructure so that they are treated as equals or better than drivers. This should include diagonal crossings where Lochside and the galloping goose trail meet intersections. The removal of "dismount before crossing" signs at intersections needs to happen as well.

There has been some notable and much-appreciated improvement in bike line infrastructure, but that is an area that still needs a great deal of work. It's so common to have a ride where there are long sections that are very dangerous, but have no reasonable alternative. A focus on connecting bike lines would be a great place to start. A bike line all the way along Blenkinsop and another on Quadra would be a good place to consider this.

This goes well with the excellent progress Saanich is making on bike lanes and paths in key corridors.

Transport is a key area where local gov'ts can make a difference, fast. EV's an important development to support - but transit and active transport even more important. Land use and denser development can make walking and biking more attractive and efficient and convenient. In last decade, bicycle investments in better, safer lanes have been the most successful transport change in our cities, with most dramatic results: 40% growth in bike riders in Vancouver, similar in Calgary. Boulder, Montreal, Minneapolis, etc. No other urban infrastructure/transport investment has produced that kind of result. Saanich needs to step up and match those efforts, especially, not just buffered lanes, our painted lanes - but protected lanes and intersections too. Plus, more walkable, urban neighbourhoods and streets.

Very excited to see active transp. Routes implemented as per Shelbourne Valley Action Plan. Do anything we can to accelerate that. (x3 agree)

We are a municipality, many of these programs should not be part of the purview of taxpayers.

What is the carbon footprint of electric bikes? We should have this quantified. The footprint should include the life cycle from resources, manufacture and daily use.

where is the bike lane along Shelbourne st

While electric vehicles are better than gas-powered, their production has a huge carbon impact.

While there are learn to drive courses/programs I've never seen a learn to ride a bicycle course for older adults who didn't learn when younger. Is there adult tricycle parking available at commercial and municipal buildings? If not then encourage.

Widely promote and underline the success of bicycle and walking investments in other cities - .e.t. 40-45% increase in ridership over 5 years in Vancouver after high-quality bike network established. (x2 agree)

Work towards phasing out private motorized transportation - close roads and convert to public green corridors

Work with CRD to pave Lochside Trail between McKenzie and Royal Oak Dr. Also separate pedestrians and cyclists.

Work with local public and private sector to provide work incentives and/or tax rebates to those who cycle or walk (e.g. extra vacation days/pay as a reward)

Work with Transit BC to improve public transit routes and service frequency according to population

Work with Victoria Intl Airport and BC Ferries to provide full electric transport services to and from YYJ and Swartz Bay

You can't speak for the province. Horgan has said municipalities should stick to their areas of control.

youll already have the money you need to buy a bike by parking your suv...

Table 14 Survey results S2 - public transit comments

Comments on Strategy 2: Prioritize Transit-Supportive Policies and Practices

#4 #5 have implications for personas with mobility problems!

Actively discourage driving children to school. I love the dedicated protected bike lanes and would like some kind of barrier on Blanshard. (x2 agree)

All "uber-like" businesses should have electric vehicles(x1agree)

All of this is so necessary. We truly need to do everything humanly possible to reduce CO2 I'm glad it's being considered but I do wish we would be even more intense about this initiative.

All residential street parking should be for everyone with a limit of 1hr-2hrs. Not limited to residents only

Although I agree with most of these measures, I'm concerned that many people will find them overly intrusive.

Automobile parking is a major problem. So many Saanich residents have usurped the road right of way for additional parking, even as most homes have driveways and garages, if the latter haven't already been converted to secondary suites, which increases again the number of cars on a given block. Mid-block on Darwin between Saanich Road and Savannah, for example, there's one "single-family" residence that parks eight (8!) vehicles, half of them taking up the entire road allowance. Middle of the day too. Makes walking past this residence tricky, especially for anyone with mobility problems.

BC transit travel time is affected by the fact that most routes have a very convoluted route, running through residential areas. These bus routes have been "grandfathered in" from decades ago when travel was very different in the region. When I lived in Vancouver, buses traveled along major traffic arteries and did not zig zag down side streets. Dedicated bus lanes is not the issue at all. Have a basic bus running regularly 2x/hour along McKenzie, and I will take it to work. 15 minute trip. My current bus route to work take two buses and 45 minutes to make the 15 minute trip.

BEFORE doing any of this, you need to address the simple fact that transit does not work for the majority of residents. Fix that FIRST

Bus lanes are critical at bottlenecks (not just the TransCanada highway)! We won't be able to achieve transit choice otherwise.

Bus lanes on pat bay highway (x1 neither agree nor disagree)

Cars are sometimes needed. When reducing access to parking, consider measures to prioritize access to parking for people with mobility issues or other needs that cars alleviate. Otherwise, the parking will go to the highest bidder, and people with disabilities are often lower income.

Cars are the only option for leaving the city centre in most cases, and definitely the CRD. Until regional and national rail options are restored and made affordable, private ownership of cars will remain a necessity in Canadian society.

Changes in parking regulations esp. important - no more oversupply of parking; move to pay parking wherever possible. Less free parking - which encourages driving more than almost anything. Extra "yes" to 2.2, 2.3, 2.4.

Commit to reducing # of private cars (1x agree)

Complex, challenging initiatives.

Could be necessary in some places. Seems best to me to just not build parking spaces so that people simply don't have the option of parking (except for people with disability stickers)

Creating incentives to use transit is better than harassment: parking tickets etc.

Cut back on parking lots - we have too much infrastructure devoted to cars (and yes, I own one)

Dedicated bus lanes are a great step...but they need to significantly reduce travel times. Let's create them by taking away regular vehicle lanes and replacing them with bus lanes that reduce drive times by 75% -- aim for the crucial streets. Shelbourne, Quadra, Cedar Hill, Burnside, Interurban, McKenzie, Helmcken, W. Saanich.

Dedicated bus lanes should not be at the expense of dedicated bike lanes, and sharing is a bad idea

Don't understand what Q jumping lands do and how posted. More? Smaller size stalls for smaller vehicles? Fewer? Who is subsidizing the industries (fewer parking spaces) and/or employees (often better paid than those of small companies?). Parking limits frequently too short to transact business in area. 3. Must create housing and food and frequent essentials outlets next to each other for limited mobility persons.

Electric school buses. No more toxic fumes for school kids.

Encourage use of WVO biodiesel as a transition fuel for personal vehicles and the many delivery vehicles. How petition BC finance to remove carbon tax.

encourage BC Transit to raise headlights on neighbourhood busses to allow bike access between sunset and sunrise. This would encourage more evening cycling.

Focus on education and infrastructure, not law enforcement

For question 14, I agree with service improvement. I do not strongly support bus pass subsidies unless service improvement comes first. For questions 16-18, there should be time for public input on draft policy and time for amendments post-consultation prior to policy adoption.

Forcing people to pay for parking encourages people to do business and spend money elsewhere. Currently I avoid downtown Victoria and do most banking and dining in Oak Bay where parking is free.

Free and Expanded Bus Service with an Automobile Abolition vision must be the imperative. Demand funding from upper layers of government. Shift municipal auto subsidy where possible to buses and active transit. See "Taken for a Ride - The U.S. History of the Assault on Public Transport in the Last Century," <https://www.youtube.com/watch?v=p-l8GDklsN4>. TDPA's just rationalize more development ultimately without significantly reducing auto-dependency, according to independent transit planning research. TDPA's prevent comprehensive regional shifts to public transit.

Free busses and transit.

Free busses for children 18 and under. Start them on a good habit to ride the public transit. (x1 agree0)

Free transit for public school students! Help lower income households to purchase bus passes.

Garden suite rentals are pushing excessive cars into our cul de sac! No rentals allowed unless on site parking. 4-6 cars from one house in our little area.

Good ideas here as well. With regards to Transit, improved cross town corridor in addition to the 26 would be useful. That bus is highly used and an addition of another cross town route would be beneficial I believe - North Dairy up Cook Street down either Cloverdale / Tattersall towards Gorge / View Royal Dockyards destination.

housing, be it multiple family dwelling should have off street parking with more realistic numbers ie; 100 suites 150 spaces for parking

I don't think it's appropriate to come down hard on parking - it makes things inaccessible to families with small children, the working poor (i.e. time crunch), the temporarily disabled (i.e. healing from serious injury - short term), etc. Thus such things become accessible only to those with time and good health - a community that actively excludes others really sucks.

I feel that this needs to be implemented in an aggressive way. People will initially be upset, but will come to realize it truly is the best option for our environment.

I like all the above strategies, change will require a multi-prong approach. Even the smallest change will create a ripple effect and lead to more change progressively. For that matter, start small, make the changes easy. Help residents learn that small changes will lead to large impacts.

I live in rural Saanich. Public transit is not within easy walking distance for me and the road on which I live has become completely unsafe for cycling. A critical need for me if I am to use public transit is an increase in the availability of park and ride facilities. It seems to me that we had much better park and ride facilities a decade ago before the need to utilize public transit was as critical as it is today.

I support anything that gets people out of cars and onto sustainable modes of transportation

I support developing high density living corridors. These need to be supported with effective public transportation. However I do not want to lose the residential quality of neighbourhoods so I believe it must be done very carefully so as not to destroy the quiet and family neighborhood feeling I enjoy so much in Saanich. Keeping green spaces and corridors within these areas is also important. I wish more information about these questions had been provided so I could make more informed choices. We are already limited road space. I

question if we have room for designated bus lanes. What would we lose by increasing road area.

I support free public transit for all.

I support some level of heightened monitoring for abusers (some from City Hall!), but do not want to face pay parking. We want visitors to not face obstacles when visiting residences, for example.

I think that if you are going to eliminate parking spaces, you will have to prove that you have a reliable, affordable and easy to use transit system first. I have young children and I own a car. I cannot afford to keep my car insured, which we need for work and errands, and use transit regularly. I also often opt to drive longer distances since I have a two-hour window to run errands in, but wait times for buses and inefficient transfers make taking the bus unfeasible, and I would rather use transit. If you are going to convince people that transit is a better option, you will have to make it appealing first.

I think these parking issues will be contentious and are perhaps lower on the scale of impact overall.

I wish a little more info was provided (and directly linked here for convenience) about what exactly these questions entail. I am very hesitant about reducing parking too much. Some people with disabilities NEED cars and struggle to take public transit at all. Will they be able to find parking near their destinations? When I, as a person with disabilities and low income, need to carry something weighing 50lbs to be repaired/sold and can't afford a taxi, can I find somewhere near my destination to park? Yes, encouraging people to use other methods when they are able is wonderful. But I worry that this will cut down on my mobility and that of others like me. For creating high density areas - wonderful! But keeping in mind that Saanich has a beautiful array of family neighbourhoods and green areas and this needs to be done in a way that keeps this feeling as much as possible. I would hate to discover that my neighbourhood is beginning to feel like downtown Victoria.

I'm a community nurse for Saanich. It's insanely hard to get parking now. I need to drive for work.

I'm against paid parking. I also do Not wish to have employers subsidize public transit in anyway

I'm not sure business owners would appreciate reductions in parking availability.

If you're serious about public transit, it should be free to use, ie 100% subsidized. Reducing parking spots because I live close to a bus stop is not helpful, as people shop in bulk and for large items. Observations from living in Toronto: a family of 4 (including 2 toddlers) loaded up with shopping bags and boxes on the subway or bus is not ideal, and there is not enough room on public transit to accommodate people and all their shopping. It's hard enough for people with strollers or mobility devices. Again, if this is serious, people need options. I used to rent a car for big purchases or have them delivered when I lived out east. Out here it would not be possible NOT to own a car and commute to and from work in a timely manner.

Improve reliability of transit in Saanich.

Increasing transit frequency & reliability is key to increasing ridership levels. Need to aim for 8 min. headways (instead of 15 m) on Frequent Transit Network

It's probably worth spreading the message that part of the point of making it more of a hassle to waste emissions by driving and parking in a solo vehicle is to encourage using public transit and other options

Just use apps to guide where one can park and adjust prices by volume and proximity to centres. Charge for mall parking except EVs

Keep existing parking spaces and parking rules but provide No Fee for an efficient, inclusive, completely electric bus system. Free Transit would truly give drivers the task-by-task think-fest to ask "what is the necessity of using a personal vehicle.

Land use should be addressed here - including the need to focus densification only on areas with high levels (or proposed frequent and rapid) transit service 14 c - could be a municipal action to require transit passes for employees as part of business license or planning approval? Also - additional action - Employ a transit specific planner/engineer at the municipality in partnership with BC Transit to promote transit supportive work and actions within the municipality and ensure full integration and support for BCT and the necessary transit actions at the municipal level.

Lobby provincial gov. To implement distance based insurance option

Make neighbourhood busses bicycle-friendly.

More kms traveled on a bus [than in private vehicles]

move to free transit what would it cost to do so? Most transit costs are subsidized by province, feds and municipalities [?]. If free transit would add only \$50-\$100 per year in taxes, I'd support it. If Saanich municipalities received permission from BC Government to assess registration fees on vehicles registered for a Saanich location, you could avoid [?] of cars in Saanich. Prefer not to have [?] or time limits on most residential streets - but unused cars should not be parked on streets.

New Saanich transit depot needed ASAP!

No to density on transit corridors. Too busy, dangerous, cuts down trees. Distribute density in SFD suburbs.

Nope to density on corridors - too busy and cuts down trees.

Not all density is good - it's usually just a way for developers to make more profit and causes increased traffic elsewhere

On time and faster public transportation

Park and ride linking to buses downtown?

Penalizing the elderly who may not be able to take the bus, or those who need to drive for work simply creates new problems.

Policy and funding for electrification of transit has been grossly under resourced - private EVs have seen the bulk of attention despite transit being higher on the hierarchy. ETransit provides an opportunity to: 1) show leadership by government 2) drastically improve efficiency from private vehicles (over 10x better when 'passenger weight' to 'vehicle weight' ratios are taken into account) 3) address a huge equity issue in lower/middle income earners being provided an affordable choice for zero emission mobility - current EV prices are out of reach for many

Prioritize EV transit over EV private vehicles. (1x agree)

Prohibit TDPA new built structures. The greenest building is the one not built. There's enough housing in Saanich. What there isn't enough of is authentically affordable housing. This requires free housing or deep rent rollbacks for those whose job can pay for rent. TDPAs must only encourage active and free public bus transit, not new development.

Re strategy 2 action 4 - also actively discourage on street parking to prevent parking spill over onto streets

RE: question 17 & 18, street parking is not contributing to GHG emissions. We need to make bike, electric bike, and EV options more appealing, not restrict things like street parking. If there was a stronger "Disagree" option for these, I would have chosen it.

Reduce parking requirements for single family dwellings, garden suites, secondary suites.

Remove on-street parking (public storage of private property) wherever possible. Shelbourne St. is a prime example in my mind.

Restore discount transit fares for seniors, possibly just in off-peak hours

Saanich hall should start charging their staff to park as a good first step

safe biking and walking

So many areas are so underserved by transit that it isn't reasonable to take transit for shopping and other activities I normally do in Saanich. I am not say make more parking, I'm just think reducing parking is putting the cart before the horse.

Some people need to drive in order to transport equipment to and from work. Paying everyday would be expensive

stop catering to the activists and actually provide what the citizens need

Strongly agree to 18. I also think that big box stores with large parking lots should be charged a fee by Saanich and encouraged to charge for parking.

Strongly agree with a move towards more pay parking in Saanich. Can we even get owners of big parking lots to pay somehow? Parking is such a big waste of space and not good for the climate.

Subsidizing a YouthPASS program for youth to ride the bus for free. Increase frequency on all routes below 60 min between trips

Take away all on street parking on arterials in favour of better bike lanes and wider sidewalks.

Taxpayers need to be able to have visitors to their homes.

TDPA's don't help to end auto-dependency. They just further rationalize unnecessary new development. We need a comprehensive regional public transit policy moving us toward free and dramatically increased bus service. Better transit must not depend on TDPA's.

the less timid our council is with aggressively promoting public and active transit versus single-drivers in cars for their daily commute, the better.

The main thing here is to drastically increase bus service AND to make it more affordable

The same truck has been parked outside my home with one tire on the sidewalk for 8 days now. Our street seems to be used for long term parking. A daytime time limit would be much appreciated

Ticketing is a bit punishing. What about incentives like lower taxes to homes with one or fewer cars?

Transit Development Permit Area should be located in Villages and Centres. Strongly support decreasing parking requirements in higher density areas and for secondary suites and garden suites.

Transit needs to be improved for more people to get out of their vehicles.

We live in rural Saanich and public transit isn't feasible, so we still need free parking in the centres or villages

Why no public transit to yyj? Huge need to get away from car centric only. (x1 agree)

With the senior demographic in the CRD restrict parking will impact quality of life for seniors

Would like to see boulevards cleared of boat and rv storage and parked vehicles.

Table 15 Survey results S3- electric and ZEV comments

Comments on Strategy 3: Accelerate Adoption of Electric and Other Zero Emission Vehicles
End E-Car Obsession. Free Expanded Bus Service must be the imperative. See "Green Illusions" Chapter 7: "HYDROPOWER, HYBRIDS, AND OTHER HYDRAS Discover why future environmentalists will resist electric cars and hybrids as well as a host of other technologies," www.greenillusions.org/chapters/ . Get the book with your GVPL library card: https://p1-bcuc-agent.auto-graphics.com/MVC/#fullrecord/br/1/989462c4-7d68-4f80-8bef-1ae05cfb6529,0,20,0,1,bks,2 Watch on YouTube: Taken for a Ride - The U.S. History of the Assault on Public Transport in the Last Century, https://www.youtube.com/watch?v=p-l8GDklsN4 Education will make it easier to change behavior.
I wonder about using transit for parcel deliver organizations to use transit to their delivery posts rather than have e.g. Canada Post, have a fleet of trucks to deliver to the outlying communities
Consider requiring Level 2 charging stations for new construction, i.e. not just EV-ready. Address EV charging issues for existing MURBs.
Don't place charging parking spaces where handicapped spots are located. Thus is Happening more and more frequently.
Electric vehicles have significant environmental problems and cannot be viewed or treated as a replacement for private owned vehicles. Rail and other resources need to take priority.
While I do agree that there should be more charging stations, they should all be pay for use, not "free" (taxpayer paid)
electric bikes for cargo delivery and police patrols
Saanich proposal to increase from 12 to 24 EV charging stations is way too low. And taking five years to achieve this target? Come on!
EV spots should reflect demand, where possible
Could charging stations be more than doubled?
I don't think the municipality should subsidise EVs. Right now they are primarily purchased as second vehicles by people who buy new cars. Don't subsidise those who don't need it!
As a renter, I do not have the ability to add infrastructure to charge an EV. Thus, I'm not able to switch to an EV at this time. Perhaps there are incentives or something that could be offered to make such things accessible to the many people who can't afford to buy/don't intend to buy in this region?
Electrification of cars is not the answer, need to eliminate cars completely.
Doubling existing EV chargers by 2020 is not nearly aggressive enough to match the uptake of EV vehicles.
Evaluation of short and long-term life cycle of these new fleets and the footprint is important information to understand these issues. The survey does not provide it.
A fleet of cargo bikes instead of large delivery vans.

Sounds great!

The technology is there and new EVs now come with automatic \$10k rebates from the federal and provincial government could make for a very easy PR win to replace all cars with EVs. Trucks might have to wait or the district might need to get more creative i.e. cars with trailer hitches in lieu of giant trucks.

Far better to promote electric small bus and car share.

My taxes should not be used for EV as this is a provincial / private program. New buildings should have EV access... but they should pay

Electric cars aren't the future of sustainable transportation, they have every problem gas cars do, just without the emissions. Encourage other modes of transportation.

Encourage the province to bring back electric charging station rebates for developments and homes, including retroactively rewarding homeowners who have already installed stations. Increase the number of charging stations at rec centres and parks, and work with CRD to add them at CRD parks.

Questions 20-21 -- I don't think it's efficient for each municipality do this on its own. It should be across the CRD, given that people live, work and own businesses across municipal boundaries.

Needs to be more aggressive. Older buildings should be required to provide charging stations to tenants by 2025.

More EV infrastructure is essential. Helps residents to be mobile but avoid killing the environment

Electric vehicles are better than fossil fuel driven ones but are still very resource dependent, especially in their manufacture. They are still cars and contribute to congested cities.

Identifying opportunity is one thing, actually enforcing is another. Don't be soft on businesses, they will always kick the can down the road if there's a cost associated.

More charge stations is what I needed before I was willing to buy and electric car.

I plan to purchase a used EV in the next few years, when prices have come down for the used market and charging stations are more readily available

the low carbon nonsense is political not economic or environmental. Stop catering to the green lobby

Please keep in mind the classist component of all this. EVs are not yet financially accessible to everyone, and so focusing on public transportation I feel is more accessible and affordable for a lot of folks and while EVs are important we should be focusing on getting people out of cars and towards the most economically feasible opportunities for them. If we are working with limited spending, please, spend it on the class that is not already well-off.

Single occupancy motor vehicles need to go away; it doesn't matter if they are electric, so why encourage their widespread use?

Would love to see smaller fire trucks and emergency vehicles phased in. Too often do we hear that we can't have traffic calming measures because of emergency vehicles.

YES. PLEASE. ALL OF IT.

Sounds great! I'm onboard

public charging stations are not hindering EV ownership and this money could be better spent elsewhere such as active transportation and Etransit. Vehicle weight has a far greater impact on energy use than engine efficiency yet it has been omitted from policy - typically the passenger weight is only about 4% of the vehicle weight so even if the engine is 100% efficient almost all the energy consumed is being used to move the vehicle - not the passenger. Policy could include: 1) higher incentives for lighter EV (e.g. 1200kg or less) 2) work with senior government to mandate manufacturers to produce lighter EVs (e.g. must have options in <1000kg class) 3) limit vehicle weight on certain streets or HOV lanes as is done with commercial vehicles (e.g. single passenger EV <1200kg can use restricted lanes/streets)

NO HYDROGEN.

Charging stations should be tripled or quadrupled within the timeframe

Need to move faster. Charging stations should be doubled now.

encourage businesses such as restaurants where people spend some time to install chargers

Adopt electric fleets and electric buses ASAP. Put in way more than 24 EV charge points but so it partnership with business so that Saanich can collect data on charging habits

Doubling to 24 charging stations by 2024 is too slow. They are almost always full now in busy places like the commonwealth pool. We need to double or triple in popular places this year, then add 10-20 more per year. Pay for them by adding a fee for use of 10 cents per kWh as well as an idle fee once charging completes.

Doubling charging network by 2025 is not nearly ambitious about. Let's target 100 chargers by 2025! Start charging for the power at residential rates (12 cents/kWh) so that people don't abuse them and it enables condo dwellers to buy an EV

No car is climate-friendly. E-cars are at best 20% more efficient. Wholesale fleet conversion must be discouraged. The only rational mass transit option is free public buses, and when austerity funding ends, rail. E-cars just exacerbate and extend auto dependency and car company profit, while hemorrhaging the funding a highly advanced modern clean fuel public transit system requires. See "Taken for a Ride - The U.S. History of the Assault on Public Transport in the Last Century,"
[.https://www.youtube.com/watch?v=p-l8GDklsN4](https://www.youtube.com/watch?v=p-l8GDklsN4)

Subsidizing EVs sales

Make sure there is an education program to help support the need for EV infrastructure spending.

Transfer the whole municipal fleet to renewable fuels within the next 10 years (sooner dependent upon renewable fleet availability)

I agree with the proposal in number 21 only inasmuch as it promotes zero emission vehicles and has strict requirements that the vehicles are proven to be replacing carbon-intensive vehicles that are currently used extensively. Like the Scrap-It program proof must be secured that the high-emitting vehicles are being taken off the road permanently and responsibly. I take exception to the proposal to use "low-carbon" fuels. To achieve a livable planet over the long term the science increasingly indicate that realistic climate goals will require completely decarbonizing our economy. And I don't think "right-sizing" fleets will be sufficient to meet the need.

Large transport trucks should not be operating on streets where they cannot manoeuvre without taking over other lanes of traffic. These large trucks should be used to deliver goods to local depots in industrial parks, and smaller vans should be used to move the goods into urban areas from there. Large transport trucks should also not be allowed on rural local roads either.

Review building code and ensure multi tenant buildings can be retrofitted or charging stations installed in common areas.

Support use of electric cargo bikes as a viable option for short range delivery services - both commercial and private.

Provide property tax or utility reductions for stratas with access to level 2 chargers.

Make more electric-only parking spaces. Convert all buses and municipal vehicles to electric.

Lower speed limits and narrower roads. Focus on getting people out of their cars.

agree 1a, neither 1b, 1c.

At least double the charging stations.

1c not ambitious enough. If Saanich subsidizes L2 home or business, Saanich should be able to raise the carbon credits which would give Saanich further resources.

Having people charging pay fees to cover this and a little more.

Incentives for cycle commuting (work/day to day transport needs) challenging perhaps to have grants for bike (electric) purchase but we have for cars.

Capital cost of chargers in stratas MURBs is a barrier.

Encourage CRD to change Idling Bylaw to 30 seconds (3 minutes is far too long).

Pilot hybrid and electric commercial vehicles for Saanich and local businesses.

More park and rides

Encourage schools and day care drop off parking then ride the bus to work.

No to hydrogen fuel cell cars. They are not efficient. Electric cars go a lot further on the same energy input.

Electric buses throughout suburbs

Need subsidies to purchase second hand e vehicles hybrids can't afford new.

Subsidies for second hand hybrid purchase cannot afford new but also reuse second hand cars

Support uptake of EV charging infrastructure in stratas. "right to charge bylaw" or something, with incentives for early adopters (x1 agree)

Heavily used commercial vehicles should be prioritized re charging \$\$ e.g. taxi, delivery, modo car co-op.

Is it possible to do more than double? Could use double by this year, then increase from there judging by how often they are full.

No new multi-family development without recharging stations provided for the apartments parking stalls.

allow electric mobility scooters and wheelchairs on bike lanes (x1 agree)

Allow scooters on bike lanes! (x1 agree)

Subsidies for electric bikes (tricycles for seniors?)

Create an extensive EV taxi public service so that people can move away from ownership and there are fewer overall. And/or a car share program with small Evs. It is viable in Victoria nd region if offered through the district with no profit incentive, not profitable enough for private sector to break in.

Increase bus service, decrease cost.

Table 16 Survey results S4 - new construction comments

Comments on Strategy 4: Require Efficient, Low-Carbon New Construction

Housing costs need to be controlled and decreased, not increased to contribute an immeasurably low amount of change to carbon emissions

I would like the process at no or low cost to homeowners, or with sufficient subsidy from the municipality

Ban oil furnaces from Saanich completely. Offer a rebate program to subsidize their removal from residential and commercial properties. Add a municipal tax on new installations or retrofits of natural gas furnaces. "Natural" gas only kicks the problem down the road a few years. Create an information program where homeowners with heat pumps can share their stories with the public or potential heat pump customers.

Heat pumps are a significant noise generator and very strong regulations and enforcement must be in place to limit disturbance and noise for neighbours. New heatpumps may be relatively quiet but as they age they will get more noisy and this will be next to impossible to regulate.

We live in an area with a major housing affordability crisis. Please don't be so delusional as to think mandatory changes to construction practices will not increase housing costs ever further.

Questions 25 is flawed. Heat pumps are not subject to Zoning Bylaw regulations. Further the Noise Bylaw is rarely an issue as the DB level (noise disturbance) must be continuous for a set period of time. Again rarely an issue. This question is misleading and infers the bylaws are somehow deterring people from installing a Heat Pump which is not the case.

Good initiatives that have a long term benefit to the environment for reasonable investment.

Incentivize sustainable energy sources e.g. wind, solar but residential and commercial. Natural is clean to use but dirty to produce.

Yes, please. Many of these newer developments are NOT being built with energy efficiency in mind. Make it happen!

Apartment buildings (rental or strata) trends to be efficient cubbies to single family homes. Consider focusing on carbon output per unit, rather than specific technologies. That helps keep costs down.

You need to decide if you want affordable housing or green housing? Green housing is expensive. I'd prefer green housing. I'd like an incentive to make my 4200 sqft home more energy efficient such as programs for solar panels and power walls.

First and foremost, cost and real world applicability should be considered when introducing new requirements.

Mandatory use of pervious surfaces

carbon free is political nonsense, has nothing to do with science

Heat pumps are the best

how about incentives for solar panels on roofs?

Reduce municipal barriers to living in much smaller housing, indeed building much smaller carbon footprint homes. The future is not 2000+ square foot homes.

I hate seeing existing buildings torn down for new "more efficient" ones when the old ones still have life in them! Also allowing these mini estates on ALR land needs to stop, let them keep that in Surrey!

How do these increased costs associated with high performance buildings relate to housing affordability?

skip the faux science crap and stick to reality. CAGW is not reality

Financing of energy upgrades is a problem (or an opportunity)

A lot of glorious questions about strategy and exactly zero mention of costs or who you plan to have fund this environmentalist utopia. Let me save you some trouble... utopias, like unicorns, do NOT exist. They are the hell from, "the road to hell is paved with good intentions." On the other hand, this plan is the intentions, i.e.; virtue signaling.

Yes. Please push for higher steps of the step code asap!

I'm surprised at how loud my neighbors heat pump is. It's a low frequency thrum that my husband can't hear but my kids and I can. It keeps us up at night.

Please explain more. What is a part 3 building? Multi Family? Whoever wrote this should have a translator convert to layman speak as most people may have troubles understanding this.

why are these excellent efficiency measures in the building sector not being applied to transportation - vehicle energy use which is largely dictated by vehicle weight is not being addressed in policies.

Many of the newer heat pumps are whisper quiet and could be specified to help with noise abatement

although modern heat pumps are relatively quiet, there may be situations where, for example, a number of them in a confined area could be problematic and cause sleep disturbances in neighbours. there should probably be some residual rules to prevent this

Step code is interesting but will have very limited effect due to low construction rate. Focus on density and retrofits

The greenest building is the one not built. We don't need new buildings. Research shows there's enough built space for the current Canadian population and at least another generation. Holding climate-mitigating new development standards hostage to private developers' profit interests must not be permitted. All future new "development" must be carbon tested for need: if an alternative lower-carbon high-quality option exists, the new development must not occur. In other words, if people are seeking a bigger house that isn't yet built or different kind of neighbourhood, they must be given options with existing bigger houses in existing neighbourhoods. Yes, this will dramatically slow down new development—exactly what climate mitigation requires to get us to zero-carbon in 11 years. Too much of the Canadian population is forced to live in inhuman or substandard rental stock. This is what needs a comprehensive and dramatic upgrade or in certain cases demolition and replacement, when democratically determined as necessary. Profit must not intervene. If landlords won't perform this work free-of-charge to renters, then the Crown will upgrade properties and end the particular landlord's ownership. They became landlords with laws that permit such an economic relationship. It's time to reverse those laws. I'm a landlord who has benefited handsomely for doing no useful public work. Vienna is the model for future housing, where 60% is now public.

The building trades industry should not be preventing these initiatives from proceeding. Saanich staff have done a good job clarifying these issues and they need to continue improving their communication efforts.

building code requirements can be painful but as the public understands the importance of adaptations in all facets of our everyday life, these changes and adaptations will become more acceptable.

25 - another barrier being wall thickness (improved insulation) impacting building area calculations and penalizing applications

Proposals for larger scale developments should be required to prove they have seriously examined district heating and cooling and geothermal options and costed these out as part of development permits. I'm thinking of what could have been done at Uptown and what should be done at University Heights for instance.

provide subsidies or other incentives to install solar on homes.

Saanich should show leadership by developing high profile demonstration projects on District owned facilities or partnering with community groups or non profits e.g. housing societies or Habitat for Humanity to showcase leading edge technology as part of a public education program. Perhaps a community based steering group with council and staff support could identify annual projects as part of a multi year focus transition plan .I

Building codes are archaic. New codes needed urgently (i.e. 20 years ago). Passive, super insulated, reduce size of single family dwellings.

heat pumps need baffling. Might require smaller spaces to keep places affordable, though land prices the big one. Take care of very noise sensitive folks, though. Noise pollution a major problem. Don't understand benchmarking. Explain renewable natural gas target.

yes to above, but need to monitor and assess the increased costs to new development/housing.. (i.e. balanced against need for affordability).

1a - agree but move up to 2022. 1b - disagree. Sneaky way to increase densification. 2. Mitsubishi heat pump are extremely quiet and do not require a setback. Suspicious of 1b as a way to densify over neighbourhoods which means more cutting of trees and habitat for birds. Densify by allowing more multi-story buildings near commercial areas and main thoroughfares. Keep buildings on a more human scale - 4 to 6 stories.

Break the questions up into more and get more answers. By putting them together if you don't agree with "one" part you cannot answer.

heat pumps can be noisy and need to be strictly regulated.

3. I don't know whether this would be a hardship or create red tape, or if it expedites things.

to move from natural gas to electric heating, the two tier rate implemented by BC Hydro has to go. (x1 disagree)

Look into just bioFiber hemp/linen block building material produced in Alberta

Mandatory efficiency labelling for all buildings as a buyers'/renters' right. This is long overdue.

Create localized energy production (aka Saanich solar facility) to decrease energy loss through transmission)

Table 17 Survey results S5 - building upgrade comments

Comments on Strategy 5: Accelerate Efficiency and Renewable Energy Upgrades in Existing Buildings

Particularly important for low income seniors. For example we 'upgraded' from oil to natgas 20 years back and would like to augment with an air-to-water heat pump but it's cost prohibitive.

Energuide rating should be requirement of all house sales. High emitters could be subject to a higher property transfer tax, this tax could be rebated if upgrades are carried out by the new owner.

Voluntary compliance terms and market tinkering terms as policy don't work: "incentives," "innovative financing," "communication campaigns," "property tax freezes". Mandatory compliance for energy efficiency upgrading is not a burden for landlords like me that have made huge profits over decades on rental income. Where is passive solar retrofitting for current structures? Will the heat pumps be mandated to be as quiet as possible?

Facilitate installation of solar panels for electricity generation.

Not everyone can afford to overhaul their heating systems, even with incentives, especially given the cost of housing in the CRD. Heat pump conversion in particular is more than \$10K for many homes. Most people would be getting off oil as soon as they can, but 2030 seems unrealistic.

Must be mandatory

Voluntary building energy efficiency labeling should move as quickly as possible to a mandatory system.

I agree to omit oils heating! I disagree to omit gas run tankless water tanks as they are more Deficient and energy cost saving and safer than an electric waterless water tank.

Getting rid of oil tanks will require support and supervision to be done safely

offer free heat loss assessments to home owners.. ...not through companies perceived with ulterior motives

a + b , unsure about c

I'd like to see oil and LNG heating phased out sooner than 2030; 2025 seems like a better deadline.

Don't "explore" stuff, just DO it

Oil heating is long overdue for a ban. Natural gas next.

As the vast majority of buildings in Saanich are existing, with not many new builds, more resources should go to retrofits.

Where i live, Cadboro Bay, the majority of the houses are from the 50s and 60s, with no thinking about energy. These houses are on large properties, and all need effective. changes. Saanich prevents rezoning to allow for densification, which would address issues related to climate change on a larger scale. Less cutting of forest on other areas. People are then building large new house that use mist of the property. Add value to the land, instead of accommodating smaller family houses. This is not addressing climate change. And some people in the area think that having a grass yard and rhododendrons is really green space and a viable ecosystem. This is not addressing climate change. This is area is an urban environment.

I agree with 29, but I have concerns about legislating changes in homes where people cannot afford them.

All of this sounds good as long as it comes with adequate support for lower income homes/people. Some of this if required will be placing a large financial burden on homeowners. This burden needs to be shared by wealthier families so that poor ones are not left even further behind.

Promote Trees and grass/shrubs on properties by calculating reductions in property and/or utility taxes in proportion to the science of CO2 elimination effects per botanical size/type efficiencies.

I would like to see things like oil heating and other things similar to that being phased out sooner than 2030

Retrofitting should be optional. New tech is always being created to surpass current tech so breaking the bank to switch everyone to today tech makes no sense

Energy and carbon improvements that increase noise should not be encouraged. We should be working towards quieter communities in balance.

Retro guide audits should be free (pre and post) if the homeowner completes a certain amount of upgrades. They should be simple and easy to schedule.

Forcing people to use more electric rather than gas will result in many exceeding the step 1 hydro rates and having to pay exorbitant step 2 rates for most of their power consumption. BC Hydro stepped rates should be eliminated as an incentive to convert heating to hydro power. That said, if we use more hydro power in BC it does not reduce global carbon emissions because it means we export less hydro power and those that would normally buy our clean export power will have to use more electric power from their own fossil fuel sources instead.

More solar????

I don't believe energy benchmarking should be voluntary. Rather, it should be mandatory. No regulated "environmental" edicts until a cost effective alternative offered for all.

Bring on wind power, solar power and rain water! ☐🌀

Property taxes should never be frozen.

The increased operating cost of electricity must be considered.

Again, enforcing any replacement systems be energy efficient is a push-model. Make it a pull-model with attractive incentives to go to low-carbon alternatives.

Subsidize upgrades on older homes Makeover all schools to be low carbon too

We really want to upgrade our 1960's home to more efficient water heater, solar panels etc, but it's prohibitively expensive and current incentive rebates are piddly. Dramatic suggestion - housing tax grant/write-off based on approved building retrofit improvements.

How about more solar and wind generating incentives?

"Requiring" upgrades to low carbon heating and water heating systems seems punitive. Families in Saanich are struggling to pay off huge mortgages. I would encourage spending money on incentives and education for homeowners to make informed decisions.

Low carbon is nonsense

Leftists never saw a citizen that they didn't want to tax. CRD tax rates are already unsustainable for a significant portion of the population. Your survey portends a plan that will MASSIVELY increase taxes with a negligible impact of the carbon footprint of current residents. If the climate footprint per capita of Canadians is high and unsustainable, the best option of reducing it is for the population to move to a "developing nation" as they, with the glaring exceptions of China (Socialist workers paradise) and India, (at least attempting to recover from flirting with socialism but still inexorably tied to a caste system rendering it the most unequal country in the world). The remainder of the third world nations have CFPC rates 5% to 10% of Canada's. Surely we can all benefit by moving to a third world country and have the immediate global benefit of reducing our individual footprints 90-95%! Not surprisingly, the converse of this is untrue.

Right now homeowners are at the mercy of contractors and their pricing and schedules. Ideally need simple education sessions for homeowners- ex. if you want to upgrade your home, what should you expect? Where should you look first? I'm an engineer so am fortunate to know what to look for but am surprised at some of the work I see- uninsulated hot water pipes, gaps around windows, etc.

Like many Saanich residents I have an older home with oil heat. A heat pump is out of the question for us since we'd have to upgrade our electrical and put in a secondary heat source. A more useful upgrade for us would be to replace our inefficient windows. We're also going to purchase a gas furnace.

Question 13 has 4 questions lumped together. I agree with some and disagree with others. My concern is that housing and contractor prices are already so expensive, that if we add more to the cost of renovations, it will simply be too expensive for folks to complete renovations. I strongly support incentives and voluntary actions, but mandated actions should be rolled out more gradually so spread out these increased costs incurred.

Ensure New builds and new subdivisions are mandated with trees both existing and newly planted. This improves property value, neighborhood heat retention, and lessens CO2 emissions

i would like to see mandatory benchmarking and disclosure for all buildings. Oil could have been phased out already - 2030 is far too long to bring this into effect. we need to realize over 50% CO2 reduction by 2030 - need more aggressive policy to get there. Natural gas is getting to be a bigger problem than oil - there needs to be a target for NG phase-out to 100% RNG only

Should encourage use of electricity and not NG or heating oil for water and space heating. My neighbour heats with oil and it costs less than my electric heat pump

Have a bylaw that dictates a maximum house size for a single family dwelling - even an energy efficient McMansion is wasteful

Voluntary compliance, tax abatement, market and financial tool incentives and fiddling are notoriously ineffective. Education is effective as long as it is within a comprehensive regulatory regime that has strict timelines and enforceable mandates, financed by steep progressive taxation. Any private interest that flees its responsibility as a consequence will have its assets transferred to the Crown. Within that framework, the carbon-reducing elements above can work. Climate mitigation is not a choice. We either do it or we suffer. "Choosing" tools within this system will not work. We either set up the system to make it happen regardless of detractors or we face further consequences. Making it depend on economic fiddling exacerbates the crisis. See www.GreenIllusions.org for clarification. See Dr. Michael Parenti's "Eco-Apocalypse—A Class Act" for an earth-survival philosophy: http://www.skeptic.ca/C_Word_Class.htm.

energy benchmarking requirements can be painful but as the public understands the importance of adaptations in all facets of our everyday life, these changes and adaptations will become more acceptable.

I'd re-order these and put 29 above 28 in terms of priority and impact 28 c is great but d may just not be effective for the effort unless enforced or legislated

I didn't agree with the proposals in question 29 because they were too loosely defined and potentially expensive to the municipality to ensure that these kinds of incentives would not go to businesses that could be capable of handling these costs on their own with less expensive and possibly market-based incentives.

Make sure contractors don't simply add incentive payouts to their price - price needs to be regulated.

It is so expensive for homeowners to make these shifts, beyond the resources of many. Real support to deal with this is needed. Just as with electric cars, they are not within the means of many citizens, including homeowners.

Also phase out gas heating. Provide upgraded electric service capacity for buildings otherwise unable to add e.g. electric car chargers or move from gas to hydro. (my residence and neighbours have 125 amp capacity for units of well over 2,000 sq. ft.) (mine only 1800 sq. ft.).

Tax properties that do not upgrade. Assist homeowners with asbestos removal for upgrades. Ensure utility costs are paid by homeowners not renters.

agree 1a, 1b, neither 1c, 1d

Yes, to efficiency incentives. But with private sector to avoid inflexible regulations.

1.c - would prefer rebates to equal a tax freeze as these are more visible. 1d - not sure what this is and what it would accomplish? 2a - is this new construction or does it include retrofits?

2ac disagree, agree with 2b

Phase out oil heating by 2025 explore solar panels on roofs.

1.b is it only the cost threshold that's new?

Phase out oil, coal and LNG heating by 2030. (x1 agree)

2022-2025 phase out (x1 disagree, x2 agree)

Encourage induction cooking/stovetops as replacement for gas cooking - in restaurants too?

There is a new molecule developed in Sweden (carbon, hydrogen, and nitrogen) that captures and stores energy from the sun in its bonds, then releases when iron over a catalyst. Can we plan ahead in our new construction and retrofits for emerging technologies?

Create program for strata buildings to pilot these initiatives (efficiency related)

Streamline the process for new, greener building codes (that aren't listed in acceptable materials). Make it easy to build passive houses. Energy efficient structures that use new, uncoated materials.

Natural gas (unless renewable) has no place in achieving our goals. Its promotion should be discouraged and incentives removed.

Please get off natural gas completely. Fracking has so many drawbacks: methane poisons groundwater poisons the water used in the process connection to earthquakes.

We need help financially - can there be a free interest loan program.

Create incentives to phase out oil

Comprehensive plan to upgrade the efficiency of most or all buildings.

Table 18 Survey results S6 - energy security and renewable energy supply comments

Comments on Strategy 6: Increase Energy Security and Renewable Energy Supply

"Renewable Fuels" must not be from crops on land that displaces food crops. Just supporting renewable fuel development without first seeing how consumption can be reduced or eliminated is counterproductive.

3 - with a focus on solar.

33 - also applies to businesses e.g. farmers. Support to ensure that the RNG financial offering to businesses/farmers for generation is viable/generous.

Are we talking battery storage for solar, or hydrogen fuel cells? If so, great. apart from reclaiming landfill gas, I am not sure about other so called renewables like biomass.

As per previous comment show leadership by developing annual demonstration with community, business or educational and training institutions such as Camosun college to build support/awareness with high profile retrofitting or energy upgrades or renewable energy projects based on Saanich owned facilities.

Carbon footprint of RNG must be carefully assessed - bad track record.

Continue to allow wood burning fireplaces. Create a few particular beach-safe fire pits for life-style enjoyment with reasonable rules surrounding safety/courtesy and utilization of accessible drift wood.

Create incentives for solar panel installation.

Development of a guide to explore renewables is a delaying tactic. The technology exists. Promote installation. Don't mess around with unnecessary exploration.

Displaying pamphlets at Municipal Hall does not get the word out.

Education will help change behavior and acceptance

Every built structure requires and deserves climate mitigation renovation, upgrading and retrofitting regardless of the resident's awareness level. The Green New Deal calls for battalions of workers given the skills and economic security to perform these functions on the total built environment. Such changes will occur regardless of class, income level or awareness of renewable/self-sufficiency awareness. Green New Deal US Congressional legislation: <https://ocasio-cortez.house.gov/sites/ocasio-cortez.house.gov/files/Resolution%20on%20a%20Green%20New%20Deal.pdf> Brief Overview with Video: <https://theleap.org/> Another good short video about a carbon free future: <https://youtu.be/A2c9vsJeGFM> "Emergency preparedness" is simply an excuse for government and private-profit interests to avoid their climate mitigation responsibilities. See the BC Auditor General's 2014 Report: "CATASTROPHIC EARTH QUAKE PREPAREDNESS" states, "We concluded that EMBC cannot demonstrate that it is adequately prepared to manage the effects of a catastrophic earthquake and it is not reporting publicly on the Province's preparedness" (https://www.bcauditor.com/sites/default/files/publications/2014/report_15/report/OAG%20Catastrophic%20Earthquake_FINAL.pdf).

give low income housing incentives to install solar panels.

Greater support for collective RE projects - larger scale = greater reduction in GHG

I hope that site C and LNG isn't considered renewal. Also what about using ocean waves for hydro - tidal wave power.

I need a definition for "renewable energy".

I support renewable energy production that is not carbon-based and I support the capture of methane from the landfill for use as a fuel, especially if it can allow for the capture of the CO₂, but I don't support the Province or utilities producing renewable fuels unless these are zero-emitting, ensure that those who are less able to afford alternatives are given the most affordable access and that the production of these fuels has zero-impact on land that could be used for agriculture, wildlife conservation, forestry or supporting increased densification of urban spaces. I would support Saanich investigating electrical generation and distribution from the tidal energy opportunity presented by the reversing falls under the Tillicum Street bridge over the Gorge or elsewhere in the Gorge Waterway.

If this includes solar and wind energy then that would be strong. Work with bc hydro to enable honk owners in Saanich to contribute back to the grid. Provide incentives for infrastructure to do this

improve education programs so the public can appreciate the importance of these initiatives. Thereby leading to a greater allocation of spending on these initiatives.

Incentives for condo/apartment buildings to invest in rooftop solar energy production.

Increase use and promotion of solar and wind over natural gas.

Innovations need to be led by the private sector, which is able to move much quicker than government. Government can open doors and help incubate innovative businesses

It seems like shipping organic waste to Vancouver (or wherever) is a waste of a resource that could be producing biogas locally.

learning sessions and incentives to try solar energy on a small scale should be encouraged as the industry is changing so quickly but one needs to understand it better.

Let's create our own grid through solar panel fields or wind power fields or harnessing our tide or waves... we are an island and have Other energy resources that are friendly to the planet.

Likely a higher cost option than others. Renewable natural gas and storage is not yet economically viable I believe. Focus on low hanging fruit

Make B.C. hydro go back to buying all energy from those producing from their solar

More solar incentives!

More solar panels

Municipality is not responsible for federal/provincial and should stick to their mandate of municipal responsibilities balanced against taxpayer costs

Natural gas is no better than anything else.

Natural gas is not actually environmentally friendly.

Need more info about solar panels too!

need more info on RNG and renewable fuels

need to focus on solar as primary energy supply

Need to verify that the RNG plant would really contribute to GHG reduction.

No fossil fuels of any kind.

Not sure if composting would be a better environmental choice at Hartland than renewable natural gas.

One phrase, if you have read this far, that you need to learn is ENERGY DENSITY. By all means explore renewables all you like but examine the energy density of each option before committing taxpayer resources to erecting monuments to hubris. The only viable option to carbon emissions, if you really consider that a threat, is 4th generation nuclear power such as being developed by Canadian firms such as Terrestrial Energy of Mississauga or Flibe in the USA. FWIW, China and India are pouring vast resources into Molten Salt Reactors, MSR's as they have realized it is their only escape route and that they are a scalable, intrinsically safe solution that addresses energy density.

Photovoltaic panels that are manufactured in China should not be considered renewable and eligible for support. They are the worst option, even worse than burning coal to manufacture them right here in the CRD.

Question #32 is unclear re: source of fuels. RNG should be captured in situations such as the landfill where the methane would be going into the atmosphere as a result of the landfill but this should be done on a case by case basis to not encourage greenwashing of false renewable energies.

renewable fuels should be reserved for uses that are not easily upgraded to other energy sources, such as air transport.

Renewable fuels, biomass energy, etc. need to be assessed carefully as to their actual GHG reduction benefits. They should not be the first choice for addressing energy sustainability.

Require roofs on new buildings be appropriately oriented for and solar ready where solar exposure can be reasonably assured. Distributed power production more secure than large grids with complex interdependence.

RNG guides and information already exists. You do not need to spend my money to re-invent the wheel. Learn to use what already exists.

RNG is not always a GHG reduction benefit.

RNG is not cost competitive to natural gas. The infrastructure required is expensive. Methane should be recovered and burned on site to generate electricity.

RNG vs. 'cradle to cradle' with organics for composting and back to enrich soils. Choose to latter to improve community resilience and food self-sufficiency

Saanich gets its own solar grid to provide hydro to all Saanich residents.

Solar should be the only renewable energy that is considered. Natural gas is not renewable or efficient in reducing GHG

Solar????

start promoting conservation of water now especially for personal use. E.g. turn off shower flow when soaping up your hair or body.... Etc.

Strongly agree with 31

Strongly support 31

Support solar panels by putting some on municipal buildings

Support the idea of capturing the gas at Hartland but concerned over the details. What would that mean for the mountain biking and park.

system will not allow me to answer these

Take advantage of renewable energy as it becomes close in price to traditional energy in price.

The potential scale of output would need to be requisite to the kind of investments made in this, particularly early on (pre-2030). Hard to say how important this will be, given changing technologies and markets for NG.

The question of renewable fuels is complicated and, as far as I know, the processes are neither fully proven nor are the costs reliably understood.

These questions do not allow me to express myself at all. For example: Need to re-think the very costly, unsuccessful recycling/composting thing. Maybe look to Sweden. Incinerate cleanly (carbon neutral), generate electricity to offset Saanich use like my solar PV install at home. No need to spend time and \$\$ on methane generation. Make electricity and electrify fleet where possible and supply the grid

To be clear - renewable gas captured at Hartland - very different from LNG - you may need to educate the public on this one, it's not well understood by my community. re: a guide: you don't need to inform me any more. I know the options. I can't afford it. Stop informing me and start helping me with affordability.

Use stormwater to generate power?

While I agree with the effort to replace non-renewable natural gas with bio-gas it will only ever remove a few percent of the fossil carbon burning.

why is there no mention of solar power? Why natural gas? There are better long-term options.

Yes

Yes to #33. especially.

Table 19 Survey results S7 - climate-ready buildings comments

Comments on Strategy 7: Transition towards a Climate-Ready Building Stock

2a - finally!

2A and B - almost every new build in our area has a non-permeable surround (e.g. interlocking brick) - need to have permeable!

5a yes 5 b disagree - barrels volume not high enough to make an impact. Also require constant maintenance and don't look aesthetically pleasing.

80% limit on house size is too large for larger lots. Need to set limits to allow for gardens/permeability etc.

Adaptation for heatwaves is not necessary in CRD. We don't get real "heatwaves" here. Our humidity here is low, we always have some wind and it always cools significantly overnight. Additionally, there are many areas with significant shade and areas near the ocean are generally much cooler than inland. Let building owners decide how or if they want to pay the extra costs.

Again, shy away from "requiring" and lean towards "encouraging"

Balance costs with environmentalism. Creating housing and buildings that no one can afford is ridiculous. Housing and rental costs are already high. There needs to be balance.

Be aware of and plan for emerging technology and innovation, and create retrofits/new builds that are compatible.

Careful about impact on housing costs. Environmental gold plating is a risk

Collecting rainwater in certain watersheds could divert water to streams and have negative effects on water levels within broader ecosystems. This will need to be monitored.

Education will help make changes

Elaborate [on rain gardens/bioswales on private land]. [Adaptation in building code] important but (unless) until runaway global warming affirmed mitigation is much more vital than adaptation.

Encourage homeowners to install rain gardens - provide workshops?

Encourage rain water collection that will also reduce storm water management issues is a fantastic idea.

Encourage training of tradespeople to be able to do the work

Encouragement and reduced water costs for watering trees such as cedars and firs during dry spells. A grey water system for this?

Explain how households can recycle greywater.

Explore living systems building ([?]) waste, energy, etc. water.

Finance Green New Deal (See "A Message From The Future," <https://www.youtube.com/watch?v=d9uTH0iprVQ>) retrofit battalions to do this work for low-income residents and small businesses. They will be paid livable wages, benefits and pensions, with 10 weeks paid vacation.

Gardens and trees on buildings. Protected green spaces. Green space on roads and over passes

Grants should be offered to help home owners w this

Green roof and solar panels.

How about actually keeping our current trees? Or at very least enforcing current bylaws and upping the cost for developers 50x!

I desperately want a rain barrel. It would be amazing if there was some kind of subsidy for them!

I don't know how feasible it is, but seeing more assistance for adding greywater/rainbarrel etc. to private, existing homes would be lovely!

I really really really want a workshop on how I can create my own rain garden on my property. I have tried researching local and Washington state advice and it's overly complex and not accessible for the average homeowner. A paper guide doesn't help me know exactly what to do. Tell me how to build one with supplies I can find locally in Saanich (help local business owners) and give me a 50% off coupon to a local garden centre - I will do it. Heck - sell a "Saanich rain Garden Kit" for \$100 with all the basic plantings and soil amendments i need to make one. While we are at it, give each Saanich resident a credit for the purchase of one tree to plant ON their property. One extra tree x number of houses = how many extra trees sequestering carbon and helping with runoff? I have thought about a rain collection system but don't really understand how they work or how to buy/install. It still seems like this really mysterious thing.

I would have answered agree with #37 as permeable surface treatments, provided that they properly meter the absorption rates of the subsurface, are one of the lowest cost solutions. Section c, "Encouraging" means penalties or taxation which is another way of saying "artificially making someone act against their self-interest to promote your interest by fiat" Y'all need to read some Thomas Sowell.

I would like to see opportunities created for the public to have rain barrel systems - education, equipment, installation -made more available.

I would love to capture greywater for garden use as a homeowner, but current codes do not allow it.

Improve education programs so public can understand and appreciate how these initiatives lead to climate change adaptation.

Incentives and education for all of this will be required.

incentives for homeowners to install rainwater catchment, permeable pavers, green roofs, or neighbourhood rain gardens.

Incentivize people to replace their high-water-eating lawns with sustainable and/or indigenous gardens. Basically, seeing my entire street change from pseudo-golf courses and all the waste that goes along with it.

It should be illegal to water lawns during drought conditions, and gardens should only be permitted water from rain barrels.

Just make sure the minimum permeable surface requirement doesn't indirectly cause buildings to become car dependant

Many people would be happy to implement environmentally sustainable practices, if they had the means and the \$. With rainwater collections systems also could create the problem of mosquitoes. I think people should be given choices rather than having stuff mandated. Citizens should be encouraged to contribute rather than being forced by law to make changes. Citizens common sense should be respected.

Maybe a rebate for homeowners who convert existing lawn space into food gardens or pollinator-friendly mini fields?

Methods should be taken first to reduce the climate emergency itself. To simply "adapt" to the change will cost more money long-term than actually addressing the source of the GHGs. (See: Paul Hawken's book "Drawdown" for a comprehensive policy)

Most people who live in stratas or rental buildings think little about conserving water because it does not directly affect their pockets. All exterior concreting contracts must state % of impermeable area per job i/e. large driveways

Need major incentives for rental property owners.

Need to know the impact of increased density of systems such as geothermal loops in lakes

No.38: replace "encourage" with "require".

offering rain barrels at cost to Saanich residents

provide incentives for homeowners to install in ground rainwater collection/irrigation systems

Provide information on face masks that protect from forest fire particulate matter (for both people and pets).

Provide rain barrels

Q36 - there needs to be a fee associated with impermeable area for residents and businesses like the city of Victoria

Raingardens could be installed on residential streets in a manner that narrows street for traffic calming - two for one benefit! (do my street first - Falmouth Rd:)

Rainwater collection has far-reaching effects.

Rainwater collection is such a challenge with our climate patterns - effort would be much better focused on other priorities. (The volume you'd need to store to get through the dry season is space prohibitive). Green roofs come with additional structural requirements, and huge maintenance implications - they should never be required. The owner/developer needs to be an enthusiastic advocate, not forced into this choice.

Rebate for green roof installs on existing homes. All new buildings need green roofs if flat. Modify parkland to hold water - swales, tree planting.

Rebates on rainwater collection systems purchased and installed on homes in Saanich. Adjust the water rate tiers so they are progressively much more expensive (add a third level)? The "garden city" shouldn't be the "waste water city" just to keep a bunch of ornamental flowers blooming.

replace existing non-water-saving toilets in public buildings with water-saving ones

Replace the word "encourage" with "mandate" + "penalties". New commercial, residential and industrial construction prohibited unless carbon means-testing demonstrates an actual need, separate from profit motive. Carbon means-testing means that a structure must not be built if an already existing structure exists, even in another city that can meet the need with same or better quality of function.

Rethink housing to be more centered around community and efficiency. Aka more condos, less detached housing, building with small suites and large, shared kitchens and bathrooms. Like a hostel. More efficient and affordable.

Roof gardens to grow edibles sounds like a good way to go.

Should also incorporate a piece around potable water and unsustainable use (wasting water - lawns, dishwashers, etc.). Many Canadians don't realize just how unsustainable their daily relationship with water is (as well as other resources...)

solar powered roof tiles that last a life-time, not 15 years.

Strongly agree that utilizing rain barrels should be mandatory

Strongly agree with 39. What about rebates for greywater systems?

Strongly support grey water recovery systems and rainwater collection.

Suggest Saanich obtain rain barrels for residents to purchase at a discounted cost

There is a city in the US that has directed road runoff for use instead of into the ocean.

Water scarcity is a major vulnerability for Saanich. Summer droughts but also earthquakes. What about installing groundwater pumps in neighbourhoods?

What about separating grey water from black water, and using grey water for irrigation.

What is the best air filter type for homes? This info would be valuable.

What kind of "higher cooling demand" adaptation?

what would new development do with the rainwater it collects? Sounds like mosquitos would collect.

With respect to 39b for all new development

With the increasing likelihood of exceptional rainfall which could lead to soil saturation in some areas the location of rain gardens, swales etc. need to be carefully evaluated. My experience of a rain barrel is that it was of limited use, especially as we have more prolonged droughts at the time the water is needed

would need a huge cistern to really make a difference as we do not get summer rainfall. Green roofs are not the most cost effective stormwater management system and should only be used where their other benefits make a difference (i.e. heat island effect, esthetics)

Table 20 Survey results S8 - resilient infrastructure comments

Comments on Strategy 8: Increase the Resilience of Saanich’s Infrastructure and Assets

1b - excellent point! 3 - amazing we don't have this already. Check Winnipeg for what they do.

Absolutely essential to have a climate change strategic plan in place that does all of the above. Any town or city or municipality without one is not a place anyone wants to live in the coming decades.

Balance costs with municipal infrastructure upgrades/installations as they come due for upgrade.

Develop infrastructure to deal with changing climactic conditions.

Education helps understand the importance

Eliminate new construction from flood plains, build more green infrastructure to capture/retain water.

Essential initiatives

Excellent. Make sure municipal assets are not being leveraged for private-for-profit development interest.

Extra "yes" to 7.2c)

Flood mitigation must not be based on profit and privilege. Wealthy beach front home owners need to move rather than the public subsidizing huge walls to prevent sea-rise.

Groundwater flooding as well

Homeowners need to be informed about the status of their homes that are on a floodplain. I have a friend who has no idea that her home is on a floodplain or what that could do to her future property value (and I don't have the heart to tell her).

I live by Colquitz Creek. The path never got flooded over this last winter. Planning should include a water shortages

I'd consider this a lesser priority than reducing CO2 emissions.

immediately stop building new assets in identified flood areas
improve education so public can better understand and appreciate the benefits from this initiative.
In order to be a truly sustainable approach, the asset management system should include climate change considerations rather than using it as the main driver for the plan. Include Triple Bottom Line analysis in all capital projects. Adopt a corporate environmental management system (eg ISO 14000).
Leverage natural assets? Wish I know more of what that meant.
Many of the proposed changes fall under provincial jurisdiction. I worry about the staff required and subsequent property tax increases as a result of these changes being supported. I also worry about the impact on housing affordability.
Not a near term priority. Focus on low hanging fruit, not process for far out and unpredictable effects
Plan for global warming
Please partner with Camouen or UVic on these issues!!
sea level rise is miniscule, don't buy into the silly fear mongering disaster predictions
skip the silly CAGW nonsense
Some very local flood hazards exist when soil saturates in heavy rainfall. If possible this should be evaluated and mapped and possible remediation developed.
Stormwater now being dumped into natural creeks needs to be better managed.
Strategies should include community based participation to build bottom up support rather than top down direction for all of these initiatives. There is great public angst as well as the opportunity to take advantage of the energy and expertise of citizens if a suitable grass roots led process is developed and supported by council.
Talk with ocean networks Canada at UVic
The climate projections you are relying are based upon some faulty science. Their past predictions have not borne out and they are not accepted by 'a consensus' of climate scientists. They are merely a means to acquire power by the anointed.
Undertake climate risk and vulnerability assessments to understand risk costs of climate change to Saanich. Communicate risks to the public.
well overdue but losses must be redlined [phase the integration of natural assets into the asset management system, to account for the value and services provided by natural systems].

Table 21 Survey results S9 - sea level rise comments

Comments on Strategy 9: Prepare for Long Term Sea Level Rise

- 2 federal/provincial responsibility. 3 This issue is too big for Saanich municipality.
- 47. Right-to-remain must not be class based. Residents, wealthy or otherwise, must not be subsidized with municipally-constructed sea walls. They have the right to move and be re-housed at public expense.
- Add tsunami possibilities to mapping and restrictions on development. And varying liquefaction and amplitude shaking to development safety regulations.
- Ban development within a certain distance from shorelines.

Beware of the anti-EDPA crowd. We have seen that they are highly organized, well connected, enjoy access to Black Press, and are not shy about bullying and lying.

Canada is warming at twice the rate of the rest of the world. These are critical steps
Climate change mitigation efforts should not be enacted or supported by council as a substitute for strong measures to reduce GHG emissions. While both mitigation from global warming and GHG reduction must be addressed the focus needs to be on reduction in order to reduce future needs for mitigation.

especially important for coastal low lying areas in Saanich (obviously)

Flood plains are already mapped. Spending millions on studies or third party evaluations makes zero sense as it's 100% speculation. If existing flood plains aren't clearly delineated then Saanich engineers should be working on it.

I think if areas are inundated from sea level rise they will likely need to be let go - money would be better spent on prevention than trying to prevent the inevitable.

I think much of this is larger than Saanich. Perhaps it would be better to call for a regional strategy or work with academia and industry (e.g. insurance) to complete these pieces?

Increase public education programs that will enable an understanding and importance of this initiative.

it would be fabulous to have options for presentations in schools, much like the emergency preparedness presentations in Victoria and Esquimalt.

Must not be influenced by privilege or profit concerns.

No need for Saanich staff to duplicate work done by other agencies or levels of government

note that Sea Level Rise predictions are believed to be significantly under-estimated. Ice caps are getting like swiss cheese as are melting faster than understood. Work to restore our salt water marshes.

Out of scope for a municipality, very poor rate of return on large investment

Participate in engagement opportunities for the development of the 2020 adaptation strategy.

Partnerships with universities can help do this in cost-effective ways!!

Restrict new water-front development.

Saanich is going to have to get serious about this particular part of the climate change plan -- it will need to require changes in where building is permitted, and where existing structures must be removed. No 47: again, "increase knowledge" isn't enough. There's a climate emergency, yes?

Sea level rise "knowledge" is not based on DATA but rather it is based on projections which are themselves based on faulty science. Friedrich Hayek would describe what you purport to be knowledge as more accurately, propaganda. I think it would make John Dewey blush.

Sea level rise mapping would have the effect of reducing property values in low coastal locations. A necessary evil if correct but unnecessarily burdensome to homeowners if not.

Some seawalls are eroding beaches

Talk with ocean networks Canada and UVic geography researchers.

this data already exists. stop spending money to cater to the doomsayers nonsense

Tsunami Effects should be incorporated into all planning. 50-100 year Sea Level Planning not so much...

what are you asking in 46? That is a terrible question

With the results of 'detailed sea level rise mapping to inform updates to land use' and in efforts to protect sensitive coastal ecosystems, please consult with the Songhees and Esquimalt Nations, and WSANEC leadership on this. If we are facing land use adjustments in the case of an emergency, we cannot let folks in those communities be the last to have a say in how this is done. Thanks!
Yes to public education!

Table 22 Survey results S10 - natural systems comments

Comments on Strategy 10: Enable Natural Systems to Thrive and Adapt

53: Biodiversity strategy should commence with parks and other public lands and not require private landowners to restore properties. Do offer education and stewardship incentives for private land-owners. It would be important to utilize regulatory as well for rezoning and subdivision proposals.

#7 is great!

10,000 trees in 6 years is not enough based on current removal rates, especially in rural Saanich. (x2 agree, x1 neither agree nor disagree)

10,000 trees or more! Key initiative

5?

53. Remove "incentives". Private landowners like me don't need "incentives" to do the right thing to end the climate emergency.

57 questions and I am only 50% complete... this survey has lost my interest.

again, this strategy needs to be coordinated by CRD and province. Saanich cannot do this alone.

Also natural areas on private land i.e. EDPA replacement plus interim measures until new legislation is in place.

AND in addition to bringing bio-growth to public and private lands, reward the property owners for their contribution to Urban forests and grasslands by reducing their property taxes.

As long as those trees don't block views

Awesome! I've heard that Victoria is thinking of getting rid of cherry trees, and this makes me sad. It is something Vic is known for and that I personally love. So let's plant diverse species, but not remove things like existing cherry trees!

Balance additional tree plantings with need for urban agriculture and recreation space. Support trees along boulevards.

Biodiversity action plan including plan per ecosystem and per species (priority, endangered, threatened)

Concerned that incursion on private land re tree management intrudes on personal space. People should have some control over the amount of sun/shade on their property. It is already too restrictive.

Continuing to permit developers to cut down mature trees negates action - "to restore, connect and natural areas"

CRD is identifying native trees that are, and are not, coping with warming/drought. Their program encourages the planting of trees that won't die, thereby reducing risk of fire. Sidney participating, Saanich should, too, if it already isn't.

Currently # 56 is stopping private land users from removing non native trees and upgrading to better solutions. Developers are cutting down huge percentages of trees on newly developed sites, where residents of long term are bound to ill thought conservation ideals. Sad to see those with \$\$ pay the fines and get away with tree removal.

Don't allow people to fill in the floodplain anywhere

Education about climate change and impacts in Saanich is definitely needed.

Encourage residents to participate in all such initiatives to create awareness, to give first hand experience and to form social networks to support efforts to preserve and restore.

Engage UVic researchers on this initiative. Maycira Costa works on nearshore environment targeting time series of satellite and air photo data to understand resilience and drivers. Bone works on forest resilience, Clutier on community health, Atckson on storm surges. Also, restoration of habitats needs first to consider the drivers to change.

Ensure trees are planted that will be suited to the climate of the future.

Excellent. 53. Bring back the old EDPA! 54. Abolish hunting, trapping and culling. 55. Ban RoundUp/glyphosate for "invasive species" penetration! Use union-compensated manual labour instead and maybe salt and vinegar if it won't run-off and harm groundwater or other habitats. 56. Immediate tree-cutting ban everywhere, unless roots are damaging a built structure that functions for an actual socially useful purpose. If a tree is busting through a Walmart wall...the tree wins out. Check out the charming animation "Friends With Low Wages": <https://www.youtube.com/watch?v=9c6zHPdA6WI>.

Focus on the direct action. Plant trees, connect areas. Do not create process that is outside the scope of the city. It is not useful to have each city run a monitoring program.

Food forests would be a good idea considering the likelihood of food shortage due to climate change.

Green space access is far too restrictive. Banning mountain biking in Haro woods, Saanich councilors that restrict access to the watershed area. We need more people to get out and experience nature close to their homes. Open up more dirt cycling access, provide biking, hiking, and even camping access to suitable lands in the watershed area. We are fanatical to the point of absurdity with our access restrictions to the Sooke Lake area. Specifically the Weeks Lake area that was purchased WITH TAX DOLLARS but will not be used for another 50 years - there is no way the public should be locked out of this area. Getting people out in nature will help their awareness and appreciation. Unfortunately, council members appointed to these groups see it fit to restrict access and treat citizens like children.

Hire permaculture experts and/or partner with Pacific Rim/UVic for their permaculture/eco classes/practicum placements.

I believe in density but also ecological conservation. I hope we can reach a balance that protects our environment but also ensures that people have somewhere to live.

I believe there should be some negotiable incentives and options for owners wishing to remove mature trees of particular species, options for changing the means of carbon sequestering rather than hard-line regulations against tree removal on private land which can hinder landscaping improvements.

I don't think strengthening protection for trees on private land is a good use of funds. Private land owned by individual homeowners should be their own land to use as they please.

I have joined Mary Reynold's (Dare to Be Wild) movement "We are the ARK "(Acts of Restorative Kindness to the Earth) in an effort to feel part of global action. The notion of "rewilding" is Mary's passion and the movement seeks to unify us as we embrace native plants to support habitat and collectively ban the use of pesticides that are killing birds

especially through the poisoning of insects. I have been rewilding my ARK and introducing local pollinator plants to my DElawned space. This is waterwise and intentional as I create what I term "pollinator pathways and palaces". Bylaws are a must. Please move to ban pesticides and ban lawn mowing on strips of property adjoining roadways!!! There is NO reason for landowners in central Saanich to water, fertilize and now short emerald lawns...this practice MUST be stopped! Emerald lawns are antiquated posh fashion popularized post war ..they have no place in times of climate emergency. Perhaps By should initiate education in this!

I like the idea of planting more trees. Would that be native species only? I understand the cedar trees are dying because of the drier than normal conditions. What can be done about that

I love the character the flowering cherries and plum tree plantings contribute to Victoria/Saanich. I support the diversity of tree planting but I would not want to diminish the beautiful Springtime display these trees bring to us.

I support #56.

I think we need more than 10,000 trees being planted. Also, biodiversity through agroecology and protection of food security land under ALR or A1 zoning - no more expansion of urban containment boundary onto such lands to then build 3000+ square foot homes, and lose valuable farmland in the process, and not tackle affordable housing crisis ...

I totally support the idea of #55. As for #57, Planting trees is good but the protection of trees has definitely gone to an extreme, I feel. We have several oaks and other nice shade trees on our property but are not allowed to cut down a large fir tree that adds little to our property but plant debris that must be constantly removed from our driveway and deckcommon sense should be included in the equation.

I would support doubling the goal for the increase in the size of the urban forest in anticipation that climate change will likely decrease the survival rate of existing and newly planted trees.

If any restrictions are placed on private land already owned. Owner must be paid the market value for the land owned and cannot be taxed on it as part of their yearly assessment

If our local governments don't exercise jurisdiction on private lands, no one will. This is a vital approach to get right with clear, effective processes, and hopefully some provincial funding to offset costs of good baseline data inventory and monitoring so that the burden is not born by small property owners, though I'm ok with developers having to contribute baseline information early on in their plans.

Incentives might not work - need regulatory approach for private lands

Incentivizing landowners to participate seems like an easy win and a no-brainer.

Include micro-biome - larger and more biodiverse than above ground species (nitrogen fixation, mycorrhizal fungi, composting bacteria and fungi)

Including shade trees along roadways to reduce heat absorption and keep pedestrians cool.

Increase regulation and environmental impact studies for new development

In-service permit department to not allow massive trees taken down for garden suites!

Instead of developing various strategies which could cost taxpayers money please try to seek published studies that could provide just as much information

it's important to look at historic baselines.

leave private lands alone. Stop catering to the green nuts.

leave private lands alone. The silly crap forced on owners thanks to the green nuts is already a problem

-Let's keep our parks green with thought to drier climates in future - drought resistant native plants. -Would like local gardeners to grow starters for future planting.

Many of the power outages are caused fallen trees - let people control their own risks on their own land. Private land ownership is private - not public. People should not have the values of private land affected by ridiculous environmental policies. If the land is of specific environmental interest then purchase the land and make it a park... otherwise - butt out. Many of these environmental policies are being driven by socialist activist groups that don't believe in private land ownership

Monitoring is key to understanding the local ecosystem.

Moratorium on cutting all mature native trees - they are most resilient to climate change.

More female trees planted (to help reduce health issues related to pollen associated with climate change). Saanich does a good job so far with this - none of this matters at all if we don't get emissions and rates of consumption in line with sustainable levels and avoid climate catastrophe.

More information required here to the public. Not particularly understanding the need. Addition of public green spaces and new habitat area is always is a good thing in my opinion.

More street trees! And can we change how trees under powerlines are pruned so that they look more natural, instead of the weird two-crown look?

Move quickly on this strategy!

No need to duplicate work being done by other levels of government or non-governmental agencies. Focus on public land

No no no!

PLANT AS MANY TREES AS POSSIBLE.

Plant indigenous trees and work with the natural ecosystem (western knowledge is very limited in this area) so consult with indigenous specialists!

Plant trees on every boulevard, highway division, school, and public land

Please bring back the EDPA or something better

Please do not do any of this without direct guidance and involvement from FNs and the people whose lands we are occupying. Thanks

Please mail out this and similar information to all residents to encourage acceptance of measures that can make a difference with cost-effective taxation. Concentrate on increasing the proportion of exceptionally efficient carbon sequestering species and upon their deaths preserve the wood from rotting by using in construction, furniture, etc. REUSE LUMBER FROM RENOS AND DEMOS. NO ROTTING.

Please make sure to consider the species of trees carefully. We took part in the Saanich boulevard tree program and received an ornamental pear that is a very poor quality tree, does not produce fruit and was placed very poorly so that it constantly develops rusts :-)

Please plant more trees on boulevards asap

Private land needs to be included in this management plan, and needs to be fiercely advocated for and standards enforced. Management of public lands alone cannot meet these goals.

Property tax reduction for properties that maintain biodiverse ecosystems on their land.

Protecting our natural systems should be a priority. The long-term value of ecosystems should be considered before development occurs. For example, we should consider the long-term value of a tree that is left standing vs when it is cut down.

Provide access to machinery and trees/plants for landowners.

Provide incentives for people to water their trees - we need them as carbon neutralizers!

Provide incentives/advice/support for homeowners to plant trees on their property. What are the best, fast growing shade trees?

Question 51 and 53 should not be applicable to private land, private land is just that!

Question 54 what exactly does this mean?

re 2 thru 5, find a way to better process and results than the EDPA of 2016-2018. Risk to a biodiversity strategy taking far too long and to an over-reach - trying to do too many things at once.

Re question 31, please focus tree planting on areas that have less tree cover. Very few things are more effective at making a city pleasant to walk and cycle and live in than really great street trees (e.g trees that will grow a lovely large shade canopy).

Re: Restoration: This might be a controversial comment - but what other groups see as "invasive species", could we see mother nature trying to adapt to a changing climate? Really look at and assess whether a plant which is exceptionally well adapted to our current/changing climate and urban spaces and thus is growing rampantly, is a "bad thing" that needs to be ripped out? Is it possible that trying to hang on to the exact ecosystemic balance of naturalized areas from 100 years ago, is unrealistic over the next 50 years in a +2 degree environment? I am planting different plants in my home garden because they are adapted to drought. why are we not embracing biodiversity that might include a shift in the naturalized plantings? In other words - could blackberries and ivy and dandelions and yellow flag be good plants, and not weeds? How long does a plant have to be growing and thriving here before it is considered "native"? I hope my comment makes sense. BTW I love the plantings that Saanich does in our public areas, I think you do a great job of embracing native plants etc. Please let homeowners let their yards go wild. Let's start seeing that as beautiful instead of messy.

Require water super-wasters like golf courses to only use rainwater they collect naturally. Also require a certain amount of natural tree planting on open spaces, near fields, etc.

Resources should be deployed to accelerating urban growth in the right areas and improved permitting processes as opposed to focusing on the protection and enhancement of natural areas.

So much of Saanich's natural landscape has been altered over 150 years, restoration/restrictions probably should not be a high priority in the climate plan. Tree-planting, yes a high priority.

Stop building missions in ALR! How about a max 4000' house strategy? That's still more than anyone needs!

Strategies should consider potential for and allow for habitats and animal life to adapt to changing conditions. Accept that this may take some time. Avoid spending to maintain a baseline that will inevitably be unsustainable, and would naturally be replaced with plant and animal species more suitable for the future conditions.

Street trees have tons of benefits, the more of them the better

Strongly agree with 56

Strongly disagree.

support farm land. Increase our ability to feed ourselves locally.

The EDPA was a disaster. Never repeat the mistakes.

The Gorge Tillicum neighbourhood has old Gary Oaks and Douglas fir and we are losing lots of them... but no new ones are being planted. Why can't Harriet Rd, for example.

The trees that are planted MUST be native species. Currently Saanich mostly plants horticultural varieties. These have very little biological value, and can actually cause more harm as some are stepping out. It also hinders the message that native is important!

There are too many barren lawns and noise/CO2 emissions from unnecessary mowing - excessive lawn should be penalized, naturalized lots rewarded (reduced property tax?)

This [?] the urban forest strategy. It should connect to the biodiversity conservation strategy.

This comments seems to agree with goal of planting trees, just do more of it - I concur. (x2 agree)

This must be undertaken in tandem with more restrictions on development and traffic calming efforts.

Tree protection on private land is already strong. Other than issues related to protection of public safety and keeping the peace, the government should not be interfering with what private property owners choose to do with their property. Focus on managing public lands and if necessary, buy private lands or negotiate a cash incentive to land owners to enact a covenant to protect private trees where deemed necessary.

Trees. Trees. Trees. In every available spot. On every school field. Tillicum elementary needs more trees for a start. Cool shade and microclimates are going to make a big different to the daily suffering of the difficult future.

What steps you take must be consistent. We must truly understand our urban forest before significant decisions are made. i.e Every homeowner should be encouraged to remove Ivy, Holly and other common invasive as a community....just like litter. i.e. Oversee municipal properties such as Capital City Allotment Gardens' Sensitive Environmental Area.

While I certainly agree that we must help all species adapt to climate change I also recognize without far more aggressive action to stop climate change these efforts will be futile.

Without ecosystem protection all other strategies are simply band aids

Work with surrounding regions to encourage "community forests" as logging on the island affects wildfires and species diversity.

Working with existing non-profit organizations that are already managing natural areas.

Yes education.

YES! Biodiversity and the health of our trees will mean any carbon sequestering initiatives will be more effective. Additionally, should the biodiversity start to collapse we'll be in a lot more trouble than just the weather changing.

Yes, increase public engagement on the need for a biodiversity strategy.

Your planning dept allowed my neighbours to cut down 20 trees on a small lot! This is outrageous. Neighbours should be consulted Particularly when additional rental property is built as well as a garden sweet. Our entire neighbourhood is being over densified with two-story buildings and garden suites an excess of rentals in Carrs. Where are people going to get the space to build these garden suites if not cutting down trees? Instead of focussing on planting new trees, why is Saanich not protecting the trees that already exist? The same applies to the Shelburne valley developmental plan where they are talking about taking down most if not all of the trees? particularly when additional rental property is built as well as a garden sweet. Our entire neighbourhood is being over densified with two-story buildings and garden suites and excessive rentals and cars. Where are people going to get the space to build these garden suites if not cutting down trees? Instead of focusing on planting new trees, why is Ennis not protecting the trees that already exist? The same applies to the Shelburne

Valley developmental plan where they are talking about taking down most if not all of the trees

Table 23 Survey results S11 - natural assets comments

Comments on Strategy 11: Protect and Manage Natural Assets as Critical Infrastructure

58. As one with both a B.Sc. in Biology and an MBA with experience in attempting to assign a value to things far less nebulous than a natural asset. Seriously, read some damn economics literature, preferably Friedman or Sowell. 59. 'Land acquisition strategy' I.e., use the taxpayer's money to buy an asset that they cannot use and protect them from using it.

59. Eminent domain must be a land acquisition tool if private property is used in a way that exacerbates the climate emergency.

A program or rebate to provide homeowners with low-cost native plants & trees would be great.

Agree with acquiring land at fair market value. Protection of private lands can devalue the land and cause an unfair loss in value for the owner.

As said previously - farmland must be protected. Bylaws that disallow constructions of mansions on ALR land must be enforced. I agree with protection of land strategy, but do it with existing rules already .

Be more pro-active protecting large trees from developers.

Better use of GIS for bylaw enforcement of habitat destruction and bad land use practices.

Bring back the EPA bylaw of 2012 which was (stupidly) rescinded after pressure from land owners. Modified version should be re-introduced and I think has sufficient support throughout Saanich.

Connect the Colquitz River trail system?

Find out all the polluters of Douglas creek

I feel a lot of this is need based and will be done based on that.

I strongly support these initiatives. Preservation and support for our natural ecosystem conditions and species is critical to our ongoing ability to manage climate change and maintain quality of life.

I strongly support the preservation, restoration and monetization of the services of natural assets

If land acquisition means buying land, what does protection strategy mean? I believe my land is my land and should have few claims put on it.

In the absence of such a strategy, opportunities are being lost.

Land acquisition should be a last option. Do the best with what is available. Or the costs would become too high

More green space acquisition for active travel please such as cut throughs across neighbourhoods.

Must be priority in climate change management

No. 58: puzzled at what is meant here.

Promote community gardens and home gardening, especially in stratas. Turn Royal Oak Golf Course into community gardens.

Protection strategies for land acquisitions is a great vision for 'work in progress' and results

Saanich Parks could do much more to leverage our investment in all our publicly owned land assets. Too focused on making money.

Sounds like a lot of money being spent... because some company gave the district a sales talk on services they could provide... because measuring anything entails a lot of money and resources on an ongoing basis - to accomplish the task of measuring and nothing else. The funds are better used to acquire private land as needed for environmental reasons

The District is not meant to be a land bank for environmental adaptation, focus on land acquisition that serves residents (e.g. a new public works yard).

This section should be number one! We need to protect more natural ecosystems for resiliency to climate change

Valuing of natural assets (i.e., putting a dollar-value on them) seems like a useful communication and management tool. However, that's the thinking that got us to where we are. Perhaps we need a more fundamental shift in thinking.

Yes to 11.1! Having a \$\$ value speaks to some people more than anything about intrinsic value.

Table 24 Survey results S12 - food resilience comments

Comments on Strategy 12: Improve the Resiliency and Self-Sufficiency of the Local Food System

"Local" eggs, chickens, dairy, sheep, goats, lambs and cows are not carbon-friendly nor food security-effective, deceptively seeming-to-be as they are. Plant-based food is. www.Cowspiracy.com, www.WhatTheHealth.com.

#64 efforts far too modest for establishing any reasonable level of 'food self-sufficiency'.

[Farms in parks]- NO, not until matters really serious. Trees better sequester if chosen well. When matters serious 1st try intercropping w. shade trees where possible.

12.3 - and residential farm stands!

2003 Saanich Citizen survey #1 most important thing to residents - save farmland #2 use it!

Agree with #3 except only some of some parks!

All good ideas. I feel that these initiatives may be at the for front of what communities can achieve.

Allow people to turn lawns into gardens and look at removing bylaws that limit our ability to grow food on the island.

Also - encourage everyone with gardens to grow their own food - allow more sharing or home-grown food - less lawns and bylaws that tell homeowners to mow their lawns - encourage biodiversity in gardens through creation of meadows - or part-meadow and growing of food and so forth.

Also need to preserve farmland and encourage new farmers, eg the foodlands trust proposal

An abundance of fruit trees, does not translate to an abundance of fruit for all...it takes education and networking.

Ban plastic containers in stores for salads in lieu of biodegradable or compostable bags like kildarny uses in Saanich. Ban plastic containers for sprays, detergents, cleaners, etc. Force manufacturers to use biodegradable products!

Climate change has always been a factor in farming. Giving money to big companies to create predictive guesses as to local effects is stupid. Better to give the money to farmers after a bad growing year instead.

Community gardens are cool, more of them would be good

Convert all publicly owned Golf course to agriculture use or public parkland

Cordwood garden on Royal Oak Common. Don't let active and engaged citizens fail!

Currently most residents give us grief for growing fruit, raising chickens and veggies on our 1/3 acre lot. There has been a huge jump in out of town buyers and developers who have no interest in working with the community or following bylaws. Please support those of us who consider ourselves stewards of the land and natural environment.

Discourage green lawns for white picket houses as these lawns unnecessarily consume water and time/energy of their slave house owners. Better use of these lawns are veggie gardens

Discourage the use of ALR status for any land so designated that does not produce food for human consumption, e.g. horse farms, golf courses

Economics is the study of scarce resources that have alternative uses. Governmental interjection into transactions rarely have their desired effect.

Encourage community gardening and allow city-owned property fronting to be converted to neighborhood food production

encourage larger volume water users to use their common sense. Drip irrigations systems require a lot of plastic.

Establish allotment gardens in Saanich.

Food security is not an issue. Canada has vast agricultural resources and there is no need to encourage local production - the market will produce food in the most efficient manner possible. The likelihood of a situation occurring where there is shortage of food locally that could not be solved by emergency shipments from elsewhere in Canada is infinitesimal. We should not be planning locally for a hypothetical global catastrophe which has an extremely low likelihood of happening.

Give every homeowner a free apple tree to plant. I fully support local farms and pay more to specifically obtain their products. The farmer's market near Reynolds was not a good location, neither was Uptown, so I never went (issue was overcrowded stressful traffic area - needs to be in a park or somewhere - Hyacinth?), but fully support the creation of another "Moss street" style market somewhere. I realize Saanich doesn't organize that directly but...mentioning it anyway.

I strongly support these measures - it is insane that we import the majority of our food

I think 65 is critical, given the models for change to climate in this region. We need to respect our natural local water systems.

I think that support should be given to work with school boards to have a community garden at every high school where students can grow food and learn about sustainable local food

systems and community members can gain much needed growing space to grow food. There is a school already in every community with land that could be used for growing food.

I would also support giving subsidies and support education to farms that wanted to transition from livestock to plant farming.

I would like private homes, strata, co-ops to be allowed to keep chickens and small livestock.

Implement a foodlands trust fund (currently under CRD review) to encourage new farmers.

Increase education for the kids

Increase the land trust for local food production e.g. strongly promote regenerative agriculture, make it part of lifestyle changes including low carbon footprint incentives

introduce bylaws that food packaging must minimize use of plastics and maximize use of compostable materials

Introduce rebate for farm bot purchases - home gardening

Make housing developers provide garden plots in subdivisions.

Make sure the housing layout is optimal for growing vegetables

Mandate lawn transitioning to whatever flora will now survive on their own without irrigated water. However, irrigation is permissible if food is grown. Ban fossil and e-mowers. If people can't manually mow whatever small patches of lawn they may want to maintain, then the lawn must vanish. Green New Deal teams of manual mowers can be union-conditions compensated to mow for the disabled or infirm the much reduced necessary lawn patches.

More community gardens and protected farm lands Subsidise and find a way to make local farm fresh organic fruits and veg more accessible and affordable

Municipalities should stick to their mandate.

Not sure about using parks for farming if this leads to a loss of trees.

Not sure what a water licence is. However water consumption rates should not be linear but rather increase at a modest exponential rate for urban homeowners unless food production is involved. Education is important here as with any such measures.

Preserving existing farmland should be stressed. No. 64: suggestions for increasing local food production capacity seem pretty small-scale. Think bigger.

Protect the ALR! Incentives for home owners to set aside parts of lot for food production?

Raising livestock is responsible for 30% of global water consumption - we need to consider that as well as vegetation agriculture.

re question 39, we got a boulevard tree from Saanich. I wish there had been options for food-producing trees, but there were not. Please add.

Saanich gardens could be both beautiful and have food and medicine plants. Purely ornamental gardens are not necessary. Fruit trees, berry bushes, herbs etc. are better!

Set up community food gardens or edible forest/park spaces

Strategy 12 is priority

Strong subsidies so that I can afford to eat local. I would like to more consistently, but cost, as well as product availability in markets are a barrier.

Subsidies for backyard farmbots and greenhouses so that even non-gardeners have a sustainable backyard food supply

Sunnymead 1) [triangle symbol] zoning so people can have active greenhouses and other structures in FRONT YARDS to support food security/gardening. 2) manager deer, raccoons, rabbits and rats in area to support food gardening.

Super tax the non farming estates on farm land! I more "hay production" bs keeping their taxes low! If they aren't producing actual food, or if it is animal feed it must be a much higher threshold, they should be taxed to death! Farmland is not for the rich to sit on!

The food can not be twice the price.

The house needs to be built on the NE/northern side of the lot so the garden has sun exposure...subdivision design does not seem to ever take this into account anymore.

These are all good actions!

This must not be done at the expense of the natural environment. Currently many residents take advantage of this, apply for farm tax, remove their trees, buy 100 chickens or 4 sheep, and get farm tax. There must be a way to ensure only true farmers get the benefit. Currently it's more valuable to clear your land and "farm" than it is to maintain natural ecosystems. It also often pollutes our rivers and streams

Turn overgrown invasive grassy areas into meadows to attract pollinators

Turn Royal Oak Golf Course into a community garden. Promote home gardening especially in stratas.

Use the lot behind the ambulance station on Shelbourne for food production

Water management in areas not served by the Greater Victoria Water Commission is an area needing attention. I live in an area where residents and farmers get their water from wells. The water supply from our well and those of our neighbours is steadily decreasing. Meanwhile, around us, we have ongoing residential development taking place, which adds more homes where lawns are watered in the heat of the day all summer, vehicles are washed regularly, trees and ground cover is removed, impermeable surfaces prohibit water reabsorption, boggy areas are drained, and illegal suites increase the number of water users above the level stated when the building permits were granted. I urge Saanich and CRD to find a way to introduce common sense water management in areas served by wells.

We Eliminated 50+% of our food waste by using a local meal prep company called WOLF foods. Also eliminates condiment containers over time.

We moved from an up island community that was very supportive of local food growth. Here in Saanich, we are forever frustrated by deer and rabbit conflicts with our attempts to grow food. We have restrictive zoning (setbacks on accessory building / structures) that could enable us to better manage these conflicts. A small greenhouse in the front yard in our RS-18 property could never be cited without a costly and time-consuming variance permit. Even a pergola with netting would require this cumbersome process, and so the best soils for food production in our yard remain useless lawn. It is frustrating. There needs to be a way to deal with these things without such cumbersome procedures.

Yes I have strategy about wasteful food

Table 25 Survey results S13 - food impacts comments

Comments on Strategy 13: Reduce Climate Impact of Food Production and Consumption

"Love Food Hate Waste" must explicitly educate against and tax all flesh-based foods. Backyard chickens and eggs, locally-grazed cattle, and regionally sourced flesh-foods

including fish are not carbon-efficient nor "ethical". See the charming animation "The Meatrix": <https://www.youtube.com/watch?v=rEkc70ztOrc>.

#68. provided there is a strong educational component to complement this objective

Again, there is no support for growing locally. Many out of town buyers rip out trees and plant non-native species. Lip stick on a pig. Waste of water and does not support local animals and ecosystems.

Agree. Buy local. Buy in season. Provide courses on food preserving. Community pods created to encourage such endeavours. Permaculture.

carbon is NOT pollution. The green lobby is political pollution

Contributes to affordability and accessibility for low income people as well, and food waste can be better controlled.

Discourage building of new larger homes as replacements for well-built older ones (or at least require net-zero) - construction waste; larger footprint= more hard surfaces; tree loss (trees are better for us than larger homes); discourage LNG use (older homes can be retrofit) (x3 agree)

Disincentivize major appliance producers and retailers from building and selling major appliances with a 5-10 year life span. Not energy efficient even if it is 5* energy rated!!!. CRD waste disposal costs us all. Also Freon gas creates 100% more GHGs.

Do t understand question 68

Don't know what the slogan entails. Sounds as if we would support it though not sure.

Education is great, but avoid over regulation that goes beyond the mandate of local government

Encourage businesses with tax incentives for supporting circular economy and zero waste. Policies penalize companies with true costs of products that fail to comply. Regulation key.

Encourage sharing of food items with food banks and local food kitchens for low income/housing insecure/homeless and also avoid waste in this way.

Encourage the expansion of programs such as the Food Rescue Project that has resulted in the creation of The Food Rescue Distribution Centre at 808 Viewfield Road in Esquimalt and programs such as those offered by LifeCycles Farm Gleaning and Fruit Tree projects and require grocery stores to facilitate access to residents interested in gleaning discarded food to reduce landfill waste and increase food security.

Enforce CRD and Saanich organic diversion bylaws @ MURBS

Good and good

Have a not-for-profit facility that makes prepared healthy food so people who do not want to cook don't end up wasting food, left-overs, etc.

Having some subsidized local produce available for lower income people would be great. I love the food from local farms, and I want to support our farmers; unfortunately, I often cannot afford to buy their food. I would happily buy local if I could afford it, but I just can't.

Help advertise companies like WOLF foods that is an excellent solution to reduce waste, and save busy families time and money

Help us really reduce waste by addressing recycling effectiveness issues (such as local bottle depot pulling out of some recycling initiatives) and by helping stores address plastics (NOT bags and straws - but clamshells, cookie trays, produce wrapping, milk supply, meat trays, cereal box liners, deli packaging, etc etc)

I think there really needs to be a publicly owned not for profit that sells healthy, prepared, mostly plant-based meals at cost. There are so many elderly people here, and young people who are working multiple jobs to make ends meet, who don't have time or ability to cook every day. Cooking in large batches (which can be frozen and stored) is WAY more carbon efficient than everyone cooking small meals themselves, plus it reduces/eliminates food waste and improves community health outcomes if the meals are prepared with good ingredients. Most household food waste is due to poor planning. This type of service could use reusable/returnable containers rather than disposables.

I would have agreed to 57 if it was solely related to reducing food waste.

I would love to support local food growers, but can't always afford it. Can programs be implemented to help with this. More support for use of medians for growing pollinating plants and food.

I'm really glad that I took this survey to have a glimpse into the inner machinations of my local government. What I am seeing scares me.

Incentives for local food producers (reduced tax?)

Increase education for the kids

Leave social engineering to the experts.

love #68 concept!

Make roof gardens on older flat roof buildings, as well as new ones

Make sure emissions from rotting packaging minimized. E.g. multiple use wooden crates, not cardboard thinly plasticized.

Mandate that businesses must donate food waste to food banks or farmers

Not to waste food so much

Provide households with a lower water rate for garden water use!

Provide workshops on this topic?

Re: 68, I wonder if we can do more than ask the consumer to vote with their dollar. Is it possible to screen various food suppliers that have a larger carbon footprint and to encourage local production - can we do this on a higher level? Also being aware that to ask people to shop in particular ways can be classist and not always well received - but if GHG-minimal, affordable food can be encouraged and local producers more supported in the marketplace beyond farmers markets, then I think that the city would have a larger impact.

Reduce packaging

Regulation also needs to be in place. If it can't be (safely) disposed of in the CRD, it shouldn't be sold.

Steep fines for organic matter found in garbage cans. All residences must have an organic can. Give away the small bins for any household needing one (and don't make them plastic!!) Encourage the government to stop subsidizing the dairy industry.

Support/accelerate the BC Fresh or other local agriculture labels/marketing campaigns.

Take action to reduce car ownership and parking supply - both are high carbon products.

Tax meat, fish, eggs, dairy.

The municipality is not my parent. I don't need nor want to be told what to eat, how to use my land, etc etc. I'll be differing my property taxes soon enough because of the ridiculous costs.

This should be a system that pays the local growers fairly, but does not make the cost too high for the consumer

Use of the word "Carbon" too vague...

Waste have reduced our food waste by at least 50% and reduced our use of plastic containers by using a Local Meal prep service called WOLF Foods.

Work with retailers in Saanich to reduce packaging and implement labelling (declare) for products re GHG emissions of materials.

Table 26 Survey results S14 - zero waste comments

Comments on Strategy 14: Move Towards Zero Waste Production in Saanich

"Zero waste" is unrealistic. Waste minimization is reasonable and worth pursuing, within reason.

70 a, is a much deeper issue than the city knows and deeply connected to business practices. I have worked with the city of Victoria for 3 years on the single use plastic bag bylaw that was deeply flawed by lack of consultation with locals and businesses. Do not ban the free use of reusable bags as Victoria did (pay per).

70. a) Ban clear plastic produce bags as well (the perforated ones we tear off in the produce section). See The Story of Plastic: <https://www.youtube.com/watch?v=OFMau-t3Qal> and the charming animation series starting with The Story of Stuff: <https://storyofstuff.org/movies/story-of-stuff/>.

A little too soon for this concept.. I was always corrected...the 1st R is REFUSE!

a yes b all products and materials should have a clear end product strategy. Responsibility should rest with the producer/manufacturer who has to prove and accept the final disposition of the finish product(s).

Absolutely re: part d) of #70. re: c), if you're going to encourage 'lighter living', please also provide direct support and options to do this such as a 'repair cafe', community tool library, or other resources so that this again does not become a wealth-gap issue and that people are not shamed for not having the time to necessarily do all these things (thinking here of single mothers that are struggling to afford their energy bills, to calculate one's carbon might be great for some, but for others they really just need the resources and to be able to access them). This may be a job-creation opportunity as well here

Again, the municipality is not my parent. I already re-use plastic bags (which are more environmentally friendly than cotton bags and are healthier than re-usable plastic bags that can't be adequately decontaminated). This knee jerk virtue signaling has to be more carefully considered for trickle down costs, viable alternatives, etc

Again, this needs to be done aggressively. But ripping off the band-aid of convenience.

agree 1a, disagree 1d, neither all remaining

All good things, lots of packaging. Would like to see a comprehensive diagram of how waste is currently managed and use (recycling, compost, garbage)

All shops should have recycle and compost bin options and more of them outside. Also instead of outhouses we should have composting toilets.

Be explicit in communication destinations of CRD recyclables - find better destination. Require manufacturers to be responsible for disposition of packaging.

Business and industry have been moving forward on these initiatives for years, so any government policy needs to reflect what is already happening

Citizens need to see that the recycling efforts are producing the right outcome, reduction and decrease on the carbon foot print. I do not know if all the effort of the blue box is working. The news show that it is not. We sent garbage to the Philippines!!!! Plastic is not fully recycled right now. Is all of this a not feeling guilt approach?

Clearly our recycling system is broken if it ends up in a landfill or out to "rot" in a 3rd world country. Close the packaging loop locally and advocate for provincially/nationally.

Collect compost every week (ideally compost and recycling would be collected every week, and garbage only biweekly)

completely unrealistic.

Consumers will buy products in biodegradable materials if they are Available. The problem is the choices are not there.

Create meal prep services like Wolf foods so people can reduce food waste, packaging from fast foods and save time and money.

d) is a wonderful idea and will set a great example that people will follow when hosting private events

D. the emphasis is on the consumer not to buy rather than the producer not to produce. A better approach would be to encourage the producer to diversify: use recyclable material

disagree with 1a, agree with 1bcd. I would like to see all of the energy that is being put into 1a used to find a way and encourage everyone to recycle single use (as well as all other) plastic.

Eliminate filters on cigarettes.

Encourage grocery stores to reduce plastic wrapping. It is very difficult to find food that is not wrapped in excessive amounts of plastic or styrofoam.

establish policies to deal with CRD waste locally (reuse/refurbish/deconstruct/recycle) and work with senior government on: 1) expanding EPR 2) developing national/provincial zero waste & plastics policies that will support business development in the circular economy

Fight against lobby groups opposing the ability for the municipality to ban single use plastics. Provide incentives to businesses that produce little waste.

For d) I believe a waste reduction strategy is reasonable, but requiring zero waste is onerous, especially for non-profit and charitable groups that rely events for their fundraising and organizational sustainability.

Fund recycling of soft plastics.

Great ideas, but they are fighting with the fact that it's cheaper to replace than to repair.

I am a recreational athlete and would like to wean off sporting events, such as Victoria Ironman, Tour de Vic, Goodlife marathon and other local events, from disposable cups and plastic bottles

I am doing everything I can to go zero waste - we need to support our local grocery stores transitioning to giving us real alternatives - I have to create a carbon footprint and travel at least 30 minutes to the nearest zero waste or soap refill store. We need one in Uptown. Again, I know Saanich doesn't control this, but just articulating my barriers.

I am trying to move towards zero waste - it's very hard, as so very much of what we purchase is wrapped in bloody plastic. This requires legislation and businesses have to conform to support this zero waste strategy. I agree it's necessary. Let's go back to the 1970s and earlier and return our milk bottles, etc.

I see many objects going into landfill that are reusable could these be diverted?

I strongly support 70.

I think there needs to be a large washing/autoclave facility where glass/metal containers for take-out can be sent and subsequently washed and made available again for commercial use. We could largely replace local recycling with a reuse centre like this. Then require restaurants to use the reusable packaging, and require grocery stores to provide bulk

alternatives to packaged products so that the containers can also be used for grocery shopping

I think we can all look to our PM's eloquent response from June 10, 2019 for leadership on single use plastics. His personal sacrifice by using, "Drink box water bottles" is something we can all, one day, hope to emulate. The fact that he made his announcement from behind a single use plastic sign perhaps suggests that one should not smoke weed whilst simultaneously being the "leader" of a G7 country.

If all single use plastic bags are eliminated, do I leave the dog poop on the ground in the park? This needs to be thought through more.

Increase education for the kids

Lobby Provide for wider taxation powers to promote various climate and waste control methods along with regulatory powers and attempt coordination with neighbouring municipalities.

Make retailers sort their waste and pay much higher fees for garbage. Compost for apartments. Charge companies for their waste packaging. Charge a deposit for milk jugs. Facilitate milk vending machines

Mandate producer responsibility. Corporations must pay us \$1 for every cigarette butt, plastic bag, plastic or glass bottle, paper cup produced. By 2020 abolish single use plastic, glass, paper except toilet paper, which must no longer be made from trees. Strict compostable food separation, aided by Green New Deal waste separation battalions paid livable wages, benefits and pensions with 10 weeks paid vacation. Nothing must be burned for "energy". more funding to bottle depots to collect non-blue box items.

not sure how viable `d' is until compostable, etc. items are readily available at a reasonable cost.

plastic recycling is easy. it is regulations that prevent it, regulations that the greenies forced into being.

possibly contact cafes or other places to make the use of one use plastic cups illegal, or that it costs more money to buy a plastic cup verses bringing your own cup.

Re question 45, I agree with d) zero waste strategy. I don't care as much about the others. The lumping of multiple choice makes the questions challenging to answer accurately.

Recycling and composting knowledge is severely lacking. With no mainstream education around food disposal, recycling with food waste contaminating, mixing different wastes that could otherwise be recycled, and ambiguous product labelling that makes it nearly impossible to tell how to responsibly dispose of a product, creating zero waste culture is currently impossible for your everyday citizen of Saanich.

Repair Cafe and other groups have a lot to contribute if they are better supported. Thrift shops could be better managed to be more consumer friendly and an easier choice.

Restaurants can offer discount to those who bring their own takeaway container Compost or recycle plastics

So much packaging that we could eliminate. The Zero Waste Emporium is a great model for grocery stores... we should be able to take reusable containers to Thrifty's to use in the bulk section for example.

Some good things here, but please check out how banning some single use plastics and other such devices/substances/care aids can affect people with disabilities. One size absolutely cannot fit all for this ban. Please help to make sure some of our most vulnerable and marginalized people are not adversely affected by this ban!

Sometimes the replacements for single use plastics look just as environmentally dangerous and are more expensive. Can low income people and people with disabilities always afford replacements for these and do the replacements always suitably perform for care aides.

Start with creamers at Saanich events! (x4 disagree, x2 agree)

Support for repair cafes

support repair cafe's to increase their availability.

The sooner the better!

These are all of course important and worth pursuing but surely the real things killing the environment at a much quicker pace are the large corporations running unchecked with waste production and fossil fuel consumption, education that they are the true global threat if not dealt with would be a good goal to pursue as well

This is already done in other areas and just requires change

This is huge

Too many points to answer with a simple agree/disagree 4-point scale. It may suit Saanich to have their survey match the community plan, but it is a disservice to the answerer.

Wasteful free

Yea! Very progressive.

yes to 1.a, and 2b) most important

Yes yes!

Yes! Especially the zero waste strategy for public events. Bring your own cup, bottle, etc. Or charge for every cup/plate you use (something significant, like \$1). Make plastic cutlery illegal at events; all must be compostable. Fine events that don't sort recyclables, compostable, and garbage correctly.

Yes!!!!

Zero waste for public events is a great way to educate the public on how waste should be managed.

Zero waste is a fallacy. Dirty diapers, bio hazardous cleaning waste, etc. Call it "low waste" and it becomes attainable.

Zero waste for all municipal events would be nice

Table 27 Survey results S15 - empower residents comments

Comments on Strategy 15: Empower Saanich Residents and Businesses to Prepare for a Changing Climate

[?] idea. \$90 for a rain barrel is ridiculous. Cost of solar panels is down 70% but cost of installing is same as before the price decline.

1.a neither agree nor disagree. 1 b and 1c agree

15.2 great idea!

2 solar panels

74, 75. Bulk availability must be mandatory, not an option to be explored. Grants have no impact on the less privileged. Demand that all layers of government pay for climate mitigation hardware, technology and neighbourhood education through steep progressive taxation on medium and big business, and the super-rich. Start municipalizing hardware and technology production and distribution. Public ownership of solar, wind, energy conservation and telecommunications infrastructure.

75. Grants are just part of the old system. Privileged people will take advantage of them, while working-class apartment dwellers won't have the time. Neighbourhood resiliency will be integrated into the Green New Deal (GND). It will create teams of reskilled union-benefit and compensation contracted workers to automatically build the zero-carbon infrastructure—residentially, commercially and industrially. Current building and trades employees will become part of the "Just Transition to Protect Jobs and the Environment". They will no longer build what private-profit-employers deem "necessary." They will produce and build what the democratically resident and worker-driven Green New Deal determines we need. Worldwide input into the GND is also demanding that the workweek be reduced to 15 hours at 40 hours or more of pay—the exact amount of time needed to end precarious labour in the world. Then GND teams would work in neighbourhoods with all residents regardless of income to actually build and educate around whatever is needed for resiliency. If residents want to participate they can. But zero-carbon retrofitting, renovating and upgrading would be performed by GND teams regardless.

ABSOLUTELY agree with subsidizing community purchase of rain barrels, solar kits etc, cost is the only barrier to adoption for me. Re: marketing -I think more info about wastewater management etc is good - but really you are preaching to the converted. Anyone who already doesn't care about these issues, will not be swayed by another Facebook post or pamphlet ("it's all fake news and a tax grab"). Show the conservative crowd how they can save money or create business success by making changes. Feature green businesses doing the right thing and making money. Fight the narrative that being green hinders business.

Again, incentives for lots landscaped to provide ecological benefits (native plants, pollinators, food production) - a property tax reduction (or no increase) for lots that meet certain eco-criteria.

All great ideas but not easy to implement. many families are busy with work, children and sometimes parents. All on different schedules. We need a round table conversation. Start with a willing small neighbourhood and track their progress in the News!

All wonderful!

Also encourage the Province to develop the bulk-purchasing program through their Procurement department.

also reference cooling given the projected summer temperature increases and to support homeowners struggling with summer heat (q73 and 74)

Avoid a ton of pamphlets! Unless it's made of recycled materials I suppose or very easily recyclable. Otherwise, it defeats the purpose!

Burnside Gorge Community Association didn't seem to take my concerns into account for the Admirals Rd. charrette. Bikes would always have been better on a parallel street.

Cisterns for every street - help neighbours learn this - use the block watch infrastructure - built for disaster anyone.

Climate change is a very gradual process that we in the CRD will be able to readily adapt to over time without serious issues. It is primarily 3rd world countries that will have difficulty adapting because they are already facing ongoing water and food crisis situations and the people and governments do not have resources to adapt. We in the CRD have ample personal and government resources and a strong food and water supply.

Coordinate for further cost savings with other municipalities, and where applicable, the Province. Buy Canadian. Emphasize mitigation, not just adaptation.

Develop a continuous engagement process for quality engagement and action (think->plan->do repeat)

Divisive

Don't use unrealistic scare tactics! Use common sense encouragement for energy conservation.

Engage youth for youth parks

Ensure that everyone is included regardless of ability to pay.

especially agree to 1a)

Fear is not a good motivation for behaviour change. "Climate emergency" is a good example. (x1 agree)

Help fund awareness of WOLF foods and expand their reach to help more families save time, money reduce food waste and single use plastics. WOLF foods picks up all packaging and recycles it so you don't have to

I don't like the wording of #73 as it only says adaptation and doesn't say prevention or slowing of climate change, though the latter implies. We are doomed if all we do is try to adapt to climate change. We have to prevent getting to the tipping point.

I particularly like 71c. This would be great!

I think the workshops should be mandatory. Make it a requirement that all businesses and landlords in Saanich must participate.

I'm building a new house with an interesting heating system designed by [company name]. Involve the schools. High schools and colleges can help plan and implement. Always target the next generation to help them do better.

Is the Transition Town model being considered?

<https://transitioncanadadotcom.wordpress.com/canadian-transition-towns/>

Like neighborhood watch programs but climate change focus. Perhaps climate ambassadors in Neighbourhoods, organized around Community Associations.

Love the rain barrel idea! Can we make them non-plastic, or biodegradable?

Marketing and educational campaigns that come from the municipality are crucial in getting people to buy in. It has to come from an authority body or no one will do it.

more dooms and gloom nonsense. Hint: climate change is relatively benign.

More Syrian Refugee Party

My tax dollars should go to immediate needs... not advertising nor funding for possible climate change effects (that might be generations away). Frankly an earthquake is more likely and many aren't even prepared for this more viable need

No. 74: not sure of the efficacy. Remember the black plastic composting bins offered by the CRD? Any still left in use?

Not sure what can be effectively done at the community level. But it is an interesting idea, which will require education.

Outdoor pools would be an awesome way to build a healthy community

Prototype community composting at a park to reduce travel and waiting at the public yard.

provide incentives for residents to implement a variety of sustainable and renewable energy solutions like solar, etc

Provide incentives to install solar panels (x4 agree)

Realize that 90% of Saanich CO2 emissions come from vehicles passing through Saanich - out of Saanich control.

really like 15.2
Really like action 1c and 3
Roof top solar water heaters please
Saanich needs to see how zoning and management plans may negatively impact gardening (no active management of pests, zoning impacts ability to garden in front yard).
Start a program similar to block watch but geared towards climate/emergency prep. Give block leaders tools to take the street through the process. (x2 agree)
Strongly agree with 74
The community is not a healthy one. The days of working together are not realistic in this modern world. Saanich bylaws are good and getting better, but those who snub them are still running the show.
The entire premise is bullshit.
There is no climate emergency.
These are so great! Education people about positive things they can do is wonderful and needed.
This ties in nicely with my previous suggestions. I think annual demonstration projects focused on various aspects of community climate change resilience building present opportunities to use the same project development model with multiple projects in multiple categories.
Traffic is the largest contributor let us focus on reducing those emissions.
Translate into Chinese and Farsi and Punjabi
Use existing neighbourhood groups such as Blockwatch.
Very supportive of #75, and building resiliency through relationships, a sharing economy, and emergency preparedness in being able to call upon your neighbours when things become dangerous.
What about building neighbourhood solar panels that we can all tap into? Saanich purchases a lot to provide solar power to the area? New buildings such as condo going up on North Dairy has all solar panels on top so it can produce electricity to sell at a reduced rate to the local area?
Work with local community associations. To drive these initiatives. Engage with them in a more meaningful way on climate action.
YES
Yes to grants! Also please how do we get all businesses to reduce and recycle?? Garden centers, nurseries, farms using plastic - can we provide other options to them?? Enforcing biodegradable options for transplanting, bagging, selling plants etc??
Yes. I love all of the above. Please green our roads, and reduce traffic - more bicycle lanes, farm stands, mixed housing.

Table 28 Survey results S16 - health and emergency comments

Comments on Strategy 16: Maintain Health Outcomes and Ensure Emergency Preparedness and Response Keeps Pace with Climate Change

[extreme heat and poor air quality events] Not greatly important except for v. young a v. old. Discomfort may be an aid to get people on board with other climate action.

"Clean air centers"???? Really? Who convinced the district this was needed? Frankly if clean air centers are needed then we are all in trouble. As to cooking centers - pretty much every modern mall is one. We don't need specialized cooling centers work with private industry who will do it at zero cost to be good corporate neighbors

1 a neither agree nor disagree 1 b and 1c agree.

1a doubt this is necessary. It's not hot enough here. Needed with 40 degree days not 30 degree days. 3 - don't drain the few wetlands we have left.

2b should be every five years.

78 a - wildfire risk material and program better at regional level to be more efficient. also 80 better regional

80. Continual review.

All beneficial ideas but is it realistic. Possibly in partnership with Universities, colleges, community Centres, work experiences etc

Allow renters to apply for retrofitting systems and/or heavily incentivize landlords!

As previously stated - it is unlikely we will have weather that is extreme to a level that is life threatening. Even with climate change, our CRD hottest and coldest temperatures are nowhere near what people in other parts of Canada and the world easily live with already.

Ban smoking everywhere. Wildfire solved. Don't forget wildfires are a natural occurrence and have been happening for millions of years.

Build flexibility into the review process so that it is reflective of the needs it is supposed to be serving as our climate changes.

Change is so rapid - is there a protocol for review within the 5 years? (forgive me if there is one and I missed it).

Community forest management in surrounding areas. See SIFCO model. Need to work with surrounding municipalities.

Consider and plan where climate refugees from harder hit areas will stay or live in the CRD.

Consider providing public clean air buildings/spaces during wildfire season

Create green outdoor cooling areas (as Paris France is doing). (x1 agree)

Define vulnerable populations

Don't know what #80 is referring to? Don't force people to remove foliage from their homes.

Every 10 years and every 5 years are not often enough, as much as I support the things, that is too much time in between each check when things are going downhill so quickly.

Expand available public spaces that can be used during climate-related emergencies to provide shelter from floods, fires and heat events. Municipal offices, recreation centres and libraries will be insufficient and inadequately accessible to meet the demand for large scale events. Amenities added to public parks, boulevards and in partnership with local businesses and neighbourhood associations should be explored and encouraged.

finally, a section that is at least rooted in some sense and reality. Except for the claim of newly emerging and more severe weather events - THAT is pure nonsense

habitat modification is really important one. i want more information on this please. encouraging bats, dragonflies, wasps, etc. helps to a degree.

I am very cautious of wildfire risk control, as well as habitat modification for mosquito/tick prevention. They are often not done well, and cause more damage than they prevent. A good example is Mosquito control at Island View beach where the management is done poorly. All

flies are killed, and no-one monitors the effectiveness, or even what mosquitoes are the problem. Needs to be looked at very carefully.

I don't feel qualified to answer questions like, "updating the Interface Fire Hazard Development Permit..." I don't know what that is. Sure? We should update it? Putting this to citizens that have no training or credentials on the topic seems like fishing for survey results that will conform to an agenda.

I would like to see policy/targets on wood burning - because it is carbon neutral there has been a resurgence of wood burning however it is terrible for air quality. There have been several studies published by the medical community lobbying against wood burning due to its adverse health impacts. We actually have issues with a neighbour using a very poor efficiency wood appliance for heating that results in a smoky haze for blocks surrounding their house - have called Saanich to report it, but staff does not have any direction on what to do - there needs to be bylaws on requirements for particulate emissions and guidance for bylaw officers to be able to enter a home to test for excess emissions.

I would say the former page of items is more important than the current given that we get lots of rain and don't have the same conditions as the tropics (who seem to get the bulk of the vector borne diseases) I could be wrong though.

Introduce stronger penalties for smoking in parks /carelessly discarded cigarettes

Make a better questionnaire. Recycling your OCP doesn't work for me. I lose interest in verbiage.

No. 80:what does this mean? Fairly confusing.

Outdoor clean water fountains should be available everywhere, if we want people to refill reusable water bottles and not buy plastic. Access to clean drinking water should be defended as a human right.

particularly agree we need to pay attention to possibility of interface fires, eg Mt Doug area

Protection of natural systems would assist in solving these issues. need to weigh the impact of retrofitting etc in contributing to climate change

Reduce yard waste burning by forcing all fires to require permits. Enforce fire bylaws, too many contractors burning construction waste to reduce dump fees. Increase fines and permit costs to fund additional enforcement. Spot checks of fires.

review community land use plan to ensure enough buffer zone between residence area and potential wild fire area

Saanich continues to dump storm surge water into southern orca population ocean. Must stop. (x1 agree)

Saanich Fire Dept. could bulk purchase kits such as Comox Fire Dept. has done that attach a sprinkler to roof of house in case of fire danger, especially for those of us who live beside wooded areas.

SAVE TREES IN HEAVILY TREED AREAS BY REDUCING DENSITY

Suburban and rural wildfire prevention with programs such as Firesmart is very important. If it burns it's gone, and there is the increased atmospheric carbon to boot.

Talk with Chris Bone from Uvic. Also talk with the vice president research, Lisa, about how Saanich can promote a cluster of researchers working with Saanich on a overall plan for ecosystem, health, engineering for the future. Saanich can support a research chair position that would build an interdisciplinary group at uvic to work directly with all these issues.

Third world migration, particularly by air transport, is the most significant vector for disease transmission into developed nations. It turns out that strip mining the developing nations for their best and brightest benefits developed nations to the detriment of the third world. The

business of pillaging a country of its competent and industrious individuals is a zero sum game. Who knew?

Timelines for action need to be shorter - 2-3 years. We need to deal with the climate change crisis with some urgency. We don't have time to wait 10-25 years for results.

What kinds of habitat modification - may not be good overall?

Where will the time and money come from all these strategies?

Wild flowers and grasses are needed for ecosystem stability. This type of landscaping can be in conflict with fire preparedness. Planning and education should be geared to resolving this

Work with Ministry of Forest on wildfire risk reduction.

Yes I love environment very secure

Your foresight and attention to detail is admirable.

Table 29 Survey results S17 - community well-being comments

Comments on Strategy 17: Enhance Community Well-Being through Climate Action

17.5 very important.

1a agree 1b disagree 1c neither agree nor disagree

1b - how much? Where does the money go?

82. Form a propaganda committee. 83. Legislate your ideological plan to build and maintain power. 84. Inculcate the next generation of leaders in your ideology. 85. Develop a plan to rail against human nature by rewarding incompetence and sloth whilst penalizing competence and industriousness. 86. Further your propaganda goals by revising history. Once you have consolidated power, the next steps are to restrict travel so people cannot escape. Then you monitor everyone for "social compliance" with your ideology (China calls it a social credit score". The inevitable outcome, as seen by Every.Preceding.Empirical.Example. Is starvation and genocide though not necessarily in that order. #WeHaveSeenThisGameBefore.

83. Agree with intent. "Attract" is old-system thinking that infers a noble private profit interest to whom we must appeal. We just create the conditions to get it done. Now that may mean strenuous demands upon The Province and Ottawa for their resources. 84. Leave out the "Scholars" in "Sustainable Saanich". "Scholars" infers choice and privilege. Climate catastrophe and Earth Renewable education must be mandatory for everyone at all age levels. Schools must become parents/teachers/students centers of democratically-driven streams of Earth Renewal participation-curriculum. The curriculum must lead to early choice between learning the skills and concepts to occupationally build, mentally design or socially transition people into the Green New Deal Economy. 86. "Seek opportunities to partner with" precludes simply "Building Solidarity With" First Nation Governments. Seems semantic. But it's an important distinction. It's obvious what has to be done. Let's get on with it as equals as they determine. Or get out of their way when they want to end dependency on or not be taken hostage by resource extraction giants seeking profit.

84. "Scholars" program silos climate emergency education. Every discipline must incorporate climate emergency imperatives. 86. First Nations are not partners. They are an order of government that must have legislative authority over all climate emergency imperatives.

86. should be a large focus and these conversations should begin early before Saanich is trying to find ways to bring these things into their already pre-designed planning process. These two things should be developed to coincide with one another, informed by the knowledge of Indigenous peoples and designed to support their efforts first. Thank you for this, and for #85 as well - it is concerning to me how folks with a lower income will be more heavily effected by climate impacts here at a local level. Particularly if they rely on the land's health for their food and livelihood, and particularly if they are spending a lot of time outdoors. I would also like to note here that it would be wonderful to see Saanich remove its involvement in furthering the climate crisis, by removing and reallocating its municipal investments in fossil fuel industries. This sort of leadership would be tremendous and I feel that other municipalities would follow suit.

Appreciate all hard work for Saanich

Attract high tech companies with renewable energy profiles. Invest here and Saanich could become a leading municipality for this tech.

Brainwashing the "community" with extremism via the municipality. Nice try...

Citizen Assembly great idea. Working with First Nations so important.

Citizens assembly doesn't sound diverse. It needs to be diverse by including student and first nation voices, and not as tokens.

Community climate fund = green bonds for renewable energy technology usage (x1 agree)

Community initiatives should partner with local Indigenous groups and representatives from vulnerable communities to ensure equity in implemented solutions.

Coordinate and nurture opportunities to build climate change resilience among residents by partnering with local school districts and their associated employee and professional associations, post-secondary institutions and other large employers to develop and deliver curricula to the school-aged children and their parents and family members as well as post-secondary students and employees in the municipality.

Definitely increasing sustainable jobs would be great. Also limiting development of housing that is only affordable to rich folks and prioritizing low income housing would be beneficial.

disagree with 1b, agree with 1a, neither 1c. #2 we like the idea But would not support tax \$ going into it. Same for #3 and #4.

disagree 1c

disagree with 1.b community climate fund

Don't know what #84 and 85 are.

Educate residents on how to reduce emissions (x2 agree)

Essentially spend a whole bunch of my tax dollars on studies and hiring a snd nonsense that does nothing except indoctrinate. It's like the duck and cover nuclear threats of an earlier era... and all those rotting nuclear bunkers people built

Home retrofits for First Nations housing and rebates to Band Council.

How about Sustainable Saanich Scholars in high schools? Or middle schools?

How can anyone answer question 84: "Sustainable Saanich Scholars program" what is that?!

Increase taxes on bad stuff, reduce them on good stuff and energize/enable the youth to take action

It's difficult to know how much individual municipalities can contribute to climate initiatives, but working with the Greater Victoria area, local First Nations, the province of BC, and the federal government at large on climate plans important.

Keep partnering with K-12 school system for ecological initiatives (like salmon stream restoration) Young people are rightfully angry - harness it!

many monitoring, evaluative, and proposing tasks referred to or implied can be consolidated under fewer coordinated trans-municipal/district bodies. ONCE AGAIN, PROMOTE MITIGATION NOT JUST ADAPTATION.

maybe we should start with a media driven competition

Mobilize and educate

more nonsense

More progressive taxation system - higher property taxes for large estates to fund climate initiatives.

Need more info to respond on these proposals..

Need to define equity tool.

No single use water bottles in school vending machines encourage multiuser water bottle

No. 86: there are no First Nations in Saanich, or even adjacent, right? Harmless recommendation, I think.

Not sure what an equity tool is.

Often we do not hear the voices of people who are most impacted... Ensure representation across ethnicity, land/home owner status, age/sex, income groups (among others).

Please see mu last comments. Canadian Research Chair positions and organize a center ir cluster for Saanich and a resilient future.

Questions that have a, and b and c are impossible to answer -- ie # 82. I have tuned out mostly.

Raise property taxes

Re scholarship. please also develop a bursary or scholarship for Saanich high schools... particularly geared to leadership and activism...

regarding the 'equity tool' - this relates directly to my earlier comment that a lack of support for Etransit compared to private EVs is a massive inequity issue - low/middle income earners do not currently have an option for high speed zero emission transportation despite the fact that Ebuses are available, cost effective, and are already in mass use in certain markets like China

Student work experience in home retrofits and Camosun/Uvic Renewable Energy Tech Courses.

Sustainability training should not be limited to post-secondary education. That should be readily available to everyone. Being in university does not dictate someone's ability to learn and help.

Tangible, hands-on neighbourhood activities sound great! With the kids too! (x1 agree)

What would the community climate fund be?

Who knows better how to survive on and in these lands - than those who've accumulated the stories of survival in these lands!

yes to 1a, neither agree nor disagree to 1b and 1c.

Table 30 Survey results C1 - Saanich processes comments

Comments on Corporate Strategy 1: Integrate climate action into Saanich processes and decision-making

\$150 per tonne may be too low. Saanich operations and facilities can be used to showcase sustainable building practices and reduce costs by ensuring that resilience is built into all new construction at the Nigel Valley comprehensive development zone and the redevelopment of the municipal yards' services with a green village of mixed use residential, light industrial and commercial zone between Quadra, Borden and Mackenzie.

1a neither 1bc disagree 1d don't know

89.d) "Citizens assemblies" are sketchy. They smack of privilege. People need to be paid to be on them. 90. Price too low. I'm not an expert. I can research it and get back.

90. Intergovernmental Panel on Climate Change: Prices need to average between \$140 to \$590 a ton from 2030 to 2100 to keep global temperatures from rising more than 1.5 Celsius above levels seen before the industrial revolution. Don't assume one price at \$150.

A need for local government to put pressure on provincial and federal governments to support Saanich's initiatives.

Again I emphasize *including* the next generations in all of this, including first nations next generations. This impacts the kids most of all. Give them agency

All the studies and platforms and community consultation will be hollow without equal action in response to the findings. The cynic in me feels that governments create committees and find studies to feel like we are "doing something", but really these are not actions, these are just more plans to take action. The time has passed to study things. The time has come for action. Set measurable actions and accountable completion dates via and operational plan that contains real-world physical results. Publish it and ask the community to hold you accountable to it.

As I commented earlier - a lack of action/support for Etransit is not meeting the governments mandate to show leadership on climate action - it does not need to be studied - it needs to be implemented

CARBON PRICING ANALYSIS MORE EFFECTIVE THAN A CARBON TAX

Coordinate and work with Indigenous communities to see how Saanich can reduce inequities and improve communities well-being they seem to be invisible in these plans.

Ensure staff have a leadership role in taking action on climate change. Consider incorporating this with an Environmental Management System guided by the Climate Plan and developed by cross department representatives. The risk registry can be part of the Environmental Management System.

Extreme

Focus on action, don't get lost in spending all your time on tracking and policies. It should be at least 80% action by time and resources spent

I agree that staff need to have in-service training and work across departments but it needs to lead to changed behaviour. Start with the managers and hold them accountable for their departments.

I agree with emissions but I would like to see more reduce/recycle regulations for businesses, farms, nurseries, apartments

Less bicycle lane

LOVE THE IDEA OF A CITIZENS' ASSEMBLY!!!

Maybe Saanich employees should pay for parking. Or those who travel sustainably be given the amount that their parking has not been subsidized.

No. 89: Let's not shuffle too much of the responsibility from council to volunteers who lack any authority to make changes, implement policies or spend money.

None of these questions make any sense to me. #89 has a, b.c and d. For 90, what is a "climate lens". For 91 what is a "monitoring platform? these aren't real questions for real people.

not only corporate. [?] the mega houses being approved and all the tree clearing off pristine lands.

Pension reform. Do not invest in destructive practices (mining, plastics, anti-democratic actions)

Please consider divesting from fossil fuels altogether, revoking your complicity in the furthering of the crisis, by participating in the national campaign for divestment - this would be a great gesture of leading by example

Questions such as 91 need to be changed to simplified language so those wishing to respond understand the question

Reduce "make work projects" and "meetings" and use funds for actionable items and climate change mitigation strategies.

Saanich has lost leadership role with loss of environmental protection and needs to reinstate protection of ecosystems as quickly as possible

Saanich is not doing a good job of setting an example when they have free parking for staff, plant small trees on boulevards, plant non-native species in ocean parks etc.

Strategy yes, but what are the quick wins that make a difference and are noticed? Reducing air pollution through EV friendly promotions is one.

unsure of 89 d - may require considerable staff time, resources and funding to adequately support the group and ensure fair representation (so participants may need to be funded)

Work with businesses and large corporations to adopt truly (environmental) sustainable practices.

Yes, make sure all departments are working together (not currently happening). Need consistent policies.

Table 31 Survey results C2 - zero emission fleet comments

Comments on Corporate Strategy 2: Transition to a Zero Emission Fleet and Sustainable Commuting

#93, a and b are quite different and require different answers. # 94 has three parts and all can't be answered correctly.

2 consultation needed with staff. Would be a mistake to impose any of these suggestions without full support and cooperation of staff members. Their example would be a great start for all citizens to follow.

2a agree, 2b and 2c neither agree nor disagree 2d don't know unsure

2a yes if no tax \$ 2c yes if not removing parking or greenspace.

2b - not sure

93.b) "electric, biodiesel, renewable diesel, renewable compressed natural gas, hydrogen" all have greater negative ecological impacts that rule out their benefit and necessity. Saanich must not subsidize the private e-car industry. A move toward e-cars is a move away from restructuring the live-work environment around free and dramatically increased public electric transit. Appealing European cities are attractive not because they have extension cords everywhere but because people can safely walk, manually bike or take a bus and train everywhere. 94.b) Employees need free bus transit. They must not be forced to pay for e-

bikes. They need much more time off at current pay, starting with 32-for-40, 32 hours at 40 hours of pay. That will give them the time to commute without stress.

94 - this should not just be for Saanich staff. How many more benefits can we give government workers??? What about the rest of the Saanich residents working and paying taxes? The incentives and benefits should be available to everyone. Secure bike lock ups, free bus transport, electric car charging stations - all over Saanich.

A great place to start!

A money back rebate after buying a bicycle or an EV Or insurance discount on EV Bike lane on Tillicum road

Abolish drive throughs! Too much idling.

Agree with a and c; disagree with b and d.

Although bicycles are not for everyone's needs!!!

And elected officials.

Avoid buying equipment utilizing expensive "bleeding edge" technologies. Better to buy more affordable technologies and consider investing the savings into other sustainability initiatives with clear cost benefit ratios.

Be realistic and reasonable in expectations and expenditure of public funds.

Biggest barrier to bike commuting is danger/pollution/noise from cars. Get rid of illegal noisy vehicles with 'race' exhausts, slow traffic on residential streets, enforce traffic laws more effectively will encourage more biking and walking and better community.

C2.2e) provide financial incentives for employees to take transit, walk, or bike.

Charge for car parking e.g. Saanich municipal hall (x4 agree)

Charge for staff parking? Can be a good spur to changing habits

Colin walks. You can all walk.

Consider and stop free parking for the employees.

Definitely replace car parking for bike parking. Consider options for secure bike parking with room for cargo bikes (such as bike rack under building overhang/awnings or large, covered, bike cages or single use bike lockers). Consider incentive program for cycling to work.

disagree with removing car parking for bike parking. Support promoting public transit trips.

Do not waste any money on hydrogen technology. Electric cars get you a lot further with less energy. Hydrogen is not efficient.

Electric vehicles are not without environmental and congestion costs.

encourage and allow higher use of personal electrified mobility like electric skateboards, scooters (Lime, Byrd, etc), other single rider electrified mobility options

Encouraging public transit and bike use is good, but not necessarily practical. Create more EV parking charge stations for staff who drive EVs.

Focus on electricity for fleet energy supply. (supply of low carbon RNG etc is very limited)

For # 79. Why just e-bikes? why wouldn't these incentive programs also include regular bikes, which are even more environmental than e-bikes

For the medium / heavy fleet pilot, I don't think Saanich needs to make very expensive experiments with technology that is still years out, for the sake of being leaders. These seem

to me to be better investments when scale can be realized when the cost margin for new technologies are more reasonable (like they are for EV small vehicles).

Good to see business-case analysis to prioritize most effective actions first.

I agreed with everything until "Prioritize removing car parking...".

I also strongly believe that the working week should be reduced. Less commuting better for human health and planet's health. We don't need to work 35-40 hours per week anymore. The planet will be better off if we stay home and grow food, and get out on our e-bikes instead of occupying offices and other spaces working pointlessly.

I guess moving Saanich vehicles is a starting point. Be better if the same programme was also made available to all Saanich citizens who wanted to do that.

I have driven an EV for almost 6 years. Its awesome. I also work from home. Using video conference tools to reduce travel

I like the idea of eBikes, but they are a hazard on the bike trails. If they are to be encouraged, then I think there must be regulation of their speed on trails like the Galloping Goose.

i love the bike city we are becoming. keep it up!!

I strongly agree with all the options listed in question 94!

I would love to see some type of incentive put into place for Saanich employees for green methods of commuting, ride sharing/bussing/walking/cycling etc,

I would support more than simply "considering" expanding work from home/remote policies and practices.

If people want their bikes, municipal employees are extremely well paid and can afford to buy them without essentially borrowing interest free loans from poor pensioners who can barely afford all the tax increases or renters who also bear the burdens of increased costs (or lack of rentals because of the lack of incentive to rent)

Incentive programs should not substantially increase taxes or costs to employees.

Incentives should be available to all citizens and not only municipal staff, who are relatively well compensated.

just start charging for parking and/or eliminate the huge parking lot

Make all parking paid, increasing cost of vehicle ownership and incentivizing car share and public transit.

Make human powered transport the priority. Electric powered transport comes second. Electric bikes are good, but human powered bikes are preferable.

More car charging stations at Gordon head rec centre

Municipal staff are already extremely well paid - tax payers don't need to be funding their ebikes or bus passes or any other personal items like that (even if they are used to travel to work).

Once again, mostly good, but keep in mind not all of your employees at this time or in the future will be able bodied. This program relies heavily on bikes. Be sure to leave adequate space and provisions for people to use other forms of transit as needed. Where are disabled employees loans for the transit that they can make use of?

Please don't pave more spots for bikes. Repurpose car spots as bike spots!

Provide free bus transit. Give all workers 10 weeks paid vacation. End sedan automobile use, internal combustion and electric.

Provide incentives for Saanich employees to drive EVs and to charge at work.

Reducing parking available to staff - will encourage alternative transportation methods and free up paved land that can be converted back to greenspace. Explore opportunities to car pool.

reward those that don't drive. Have bus passes available for meetings, charge for parking, subsidies for e-bikes/bus passes, better space for bike parking, more spots for EV charging for staff. Be creative and bold!

Stop expanding the free parking at municipal hall, and stop parking overflow on MOTI lands!
Bad example!

Strong environment Saanich

Thank you for taking car parking to become bike parking rather than taking greenspace.

The problem with surveys...they are one way conversations

There are alot of points grouped together here. While I don't agree with public money being used for private employee benefits (loans for bikes) i agree with the idea that more people should cycle.

There needs to be another public option on top of busses for times when transit doesn't cut it. Saanich needs an electric vehicle taxi service or ride share program. Also, many jurisdictions in Europe now provide employee incentives for cycling to work - an extra vacation day for every 60 days of bicycle commuting. I think Saanich businesses should be encouraged to adopt such incentives and the district of Saanich should include it in their employment policies these seem like no-brainers

This item is really important. Transform your fleet please! Lead by example.

too expensive

We need to see the reduction of carbon emission with the implementation of these initiatives. Numbers are important for understanding the outcomes of each decision.

What about charging for municipal hall parking? Use the proceeds to pay for e-bike incentives and bicycle parking.

What about employees who can't ride bikes and make use of these programs? Will they be funded to have transportation to work?

Wherever possible use human powered vehicles.

Why not develop an ebike pool for personal ebikes?

Work from home should be encouraged in all sectors.

Work from home. Drive EV

work vehicles should not be used by employees for personal use, ie, to and from work, encourage public transit and personal bikes.

Yes yes yes

Yes! Provide government incentives to stagger work hours and promote people working from home to reduce traffic! This should have been considered instead of what they are doing on the McKenzie and interchange and Cole would crawl. If people went into work half the number of days if possible or were able to stagger their hours so they went very early or much later, this would have a dramatic impact on traffic. Also... How can we put pressure on existing car companies to produce electric or hybrid cars? I have a post Honda to convert the Honda fit and they seem to be in different to this. We need to put global pressure on car companies to convert existing models that are desired by individuals for purchase. Consumers need more choice in electric cars or hybrids.

you need to make employees pay for parking to offset the costs of the other measures.

Table 32 Survey results C3 - municipal buildings comments

Comments on Corporate Strategy 3: Showcase Renewable, Efficient Municipal Buildings
"low embodied carbon materials"?
#98-on TV a man in the Maritimes just constructed a house out of recycled pop bottles... fast to build and low cost to maintain, etc.
#98's use of 'Pilot' confuses me. These materials are already in use in many buildings globally. Referencing case studies could perhaps accomplish the same goal?
... and shift quickly toward zero-emission strategies that do not rely on any fossil fuels such as natural gas even if it is renewable unless it also includes carbon capture technology.
1 very ambitious. How much warm/hot water is lost in the swimming pools? Can it be re-captured?
96. Ensure that fracked natural gas be prohibited. Ensure that Fortis "renewable" not come from plants and even landfill methane. Landfill methane encourages bad waste management practices with the resources tossed into the landfill. 98. Low carbon materials are important. More important is determining whether or not new construction is necessary. Again, low carbon materials need to be inseparably attached to a "carbon/need means test" for all new construction. If it is being built for private profit it must not be built.
98. As long as that new construction is "equitably carbon means-tested": Can the new structure's socio-economic function be satisfied with an already existing structure somewhere else, even if not in our region? This removes the overwhelmingly intoxicating private-profit interest from clouding the decision to build.
Again, show the predicted numbers considering the life cycle of these initiatives, and short and long term emissions.
All public buildings and new buildings do have some type of solar power. Mandatory.
Also consider purchasing offsets
Any natural gas should definitely only be renewable
At what cost??
BC Hydro rates not sustainable
Check out initiatives being taken by Scandinavian countries. They are 'way ahead of us.
Ditto to previous section
Forget natural gas from Fortis. That is not a clean, renewable technology.
Have reservations about biomass
How about contributing cash to a "demonstration home" that would showcase the low-embodied carbon building materials, and renewable energy systems?
I think there is risk in large scale pilots of construction methods which have not been proven in our climate. They would have to be small scale and carefully planned.
Including in concerned where it is necessary. N.b. burning methane and natural gas produces CO2 and water. It should be kept in the ground no matter how it is produced, man or fossil or rotted thawed tundra.
I've just bought my own electric vehicle at significant cost. It would send a powerful message if all Saanich vehicles from small cars to garbage trucks converted as well.
love it
Make renewables/passive design/low energy a requirement for new building permits.

More green buildings.
Move towards solar as primary source of energy
New construction is needed. Find ways to make this happen.
Party
Please look into promoting floating solar panels on Hydro Lakes in BC for added renewable energy and reduced emissions from the flood lake itself... Lead by promoting positive actions in BC.
Provide grants to help home owners convert. I took advantage of this year's ago to switch to a heat pump, tankless water heater and insulating my crawl space. Why not help people w skylights put shades in them to reduce heat?
Question 99 what are low embodied carbon materials .i think very few residents of Saanich would know what this term means and as a result can't respond the question
Re: question 96: Just want to clarify that I 100% support the use of renewable, low-carbon energy, but I absolutely do not support the use of natural gas that is obtained through fracking or other mining techniques.
Renewable natural gas biodigesters from Hartland landfill biodigestate to be used on reforestation efforts to absorb GHG emissions.
Renewable, low carbon energy prices are likely to increase rapidly in the future due to rapidly increasing demand. It may be better to use non-renewable, higher carbon energy in some cases and use some of the savings to reduce carbon elsewhere. We need to look at carbon emissions as a whole and decide where we get the most bang for the buck in reducing emissions. It may make sense to do more of one thing and none of another based on how cost effective each is in reducing total carbon emissions.
Schools retrofitting, with student involvement
Showcases of high tech low impact buildings (tiny footprint and smart systems) would help the building industry know what is out there. Attract companies like justbiofiber.ca to move here.
Supply of low GHG RNG is very limited. Electricity should be preferred energy source.
Support PACE (Property Assessed Clean Energy) in Saanich. www.paceab.ca
Then go one higher, and ask BCHydro to become sustainable, not just renewable, by creating systems that don't depend so heavily on dams.
THOMAS SOWELL. READ!
Use materials that sequester carbon aka wood, carbon fibres, in new construction. We also need local renewable energy power sources aka geothermal or a small solar farm
Use my tax dollars wisely in regards to power usage.
Use Passive House design or similar for new construction.
We are in the process of building a new home and we are making it as environmentally friendly as possible. But any more requirements made of homeowners and the construction industry is just adding more layers of cost and complexity to the building process. I think it's complex enough
What natural gas is renewable?! If it is from Hartland how much is available?

Table 33 Survey results C4- municipal purchasing and waste comments

Comments on Corporate Strategy 4: Reduce Waste and GHG Emissions Impact from Goods and Services

2 yes - ban use of plastic water as soon as possible encourage everybody to carry personal refillable water bottle.

Action #1 is too vague (x4 agree)

And inform residents what to avoid, and address by whatever regulations in your power, and pass on to connected (e.g. CRD) and senior bodies urging them to work on. Also publicize and consult with equivalent levels of jurisdiction abroad in effort to further climate fight.

Any chance of partnering with colleges and universities as a long-term research project to measure outcomes and track objectives?

Ban plastic bags and. Containers.

Check perceived level of comfort of changerooms, gyms, etc. at rec facilities and avoid waste, e.g. often doors in heated gym, very stuffy hot changerooms.

Close all fast food outlets.

Costs. A lot of this is common sense. If employees aren't willing to do this on their own initiative then I certainly resent my taxes being spent to parent them

Eliminate paper bills for Saanich utilities, or charge a fee for those who still want a paper bill. Users who can prove they have no personal computer or internet device due to low income are exempted, but not seniors who won't get with the program and want paper bills. Also charge money for those writing and mailing a cheque.

Emissions Car Saanich

Food security for disadvantaged families and individuals in the community.
Composting/biodigestion for crop wastes. (x1 agree)

GHG impact should be a nonnegotiable criteria for procurement decisions.

Have a means for those that don't produce garbage to pay less than those that do. Currently we subsidize the garbage producers by paying the same as a person that produces one full bin of garbage. Very frustrating!

I would like to see a comprehensive zero waste/circular economy procurement policy for Saanich

Investigate using landfill waste to generate electricity in a state of the art waste energy recovery system.

It's a must. Couch all decisions with enviro and health impacts in financial terms.

It's 2019 but Saanich does not have an electronic document management system - all official docs are paper based. We are 15 years behind the rest of the world on this. It's not rocket science - municipalities worldwide have electronic document management systems and there is nothing unique about Saanich that makes it more difficult for us to move in this direction - other than lack of IT resources.

Many of these strategies are already in place or minor changes that should be automatically implemented

More grants for solar thermal (x2 disagree)

More strategy for less plastic in communities!! Could offer Saanich reusable water bottles and containers and more recycling services - city implemented removal services that go beyond current recycling. More recycling for businesses and more responsible junk removal (like Atlas junk removal but provided by Saanich)

Not sure these type of choices that Saanich can make are achievable by the average household. Maybe focus on making the choices available to average household rather than leading with unsustainable projects that only the municipality can afford.

Prohibit plastic containers at restaurants... in lieu of cardboard tops and bottoms. Make all produce bags out of biodegradable or compost able plastic. Replace detergent plastic bottles w something comparable. Put pressure on companies to create compostable packaging! Consumers don't have much choice right now. Make Honda concert their cars to electric options such as Honda Fit

Saanich has clean tap water. get rid of single use plastic water and beverage containers

Single use plastic - develop local recycling in addition to reducing at source (e.g. grocery stores) (1x agree)

There's lots of 'low-hanging-fruit' that could make a big difference - stop serving/using beef/pork at municipal properties - very high GHG!

Water bottle filling stations at parks as well

Water bottle refilling stations! My workplace just installed 2, and they're great. They save on individual water bottles/cups, and on transporting the larger old water cooler containers. A relatively small impact in the big scheme of things, but a nice quality of life upgrade which has been very popular in my workplace already.

Water bottle refilling stations/water fountains in easy to access locations across Saanich outside of events would also be great

We need mandates not initiatives. Private sector firms small or big that cannot comply must not be supported. When businesses fail their workers need automatic inclusion into the Green New Deal's "Just Transition to Protect Jobs and the Environment". This will apply to small and medium business owners as well, who operate on small margins and are not wealthy. If their business cannot perform a necessary and democratically-determined Green New Deal function, the owners too would be covered by the Just Transition. It will give them a guaranteed livable income through retraining and job replacement.

What is the difference between Neither agree nor disagree and Don't know/unsure -- I have been choosing Don't know but I don't want my answers disregarded.

Table 34 Survey results - other comments

Comments: Do you have any other comments about the Phase 2 Draft Actions for the Saanich Climate Plan?

- would like to see this properly funded and an understanding of the cost, staff and resource requirements so a commitment can be made. It may need to be communicated in a way that demonstrates the cost of inaction in comparison to demonstrate the value of the investment.
- Would be great to see more detail in some of the strategies (the devil is in the detail) to identify how effective they would be. e.g. if implemented with incentives vs legislation, it may be the difference between achieving the full say 5% GHG reduction vs 0%! - if the above are provided, it will help in prioritizing first and most impactful actions (albeit i agree that we need to tackle them all!) Thank you!

2050 for 100% renewable energy seems like a weak and far-off target. I would much prefer to see more aggressive goals set with closer targets.

Agree Saanich needs to lead by example. Declaring an environmental emergency yet allowing dozens of staff to park single-occupant trucks on city property is contradictory.

Alot of motherhood questions here that I expect the council to just get on with, no need to survey public on alot of these worthwhile initiatives. Mass transit/LRT/street cars our biggest need. Bus system is well beyond capacity. My 2 teenagers use bus but weekly i am called to collect them because they were bypassed by full buses. Both about to drive and have learned not to trust public transit

An integrated plan (holistic management approach) such as you have put together is excellent. So many cities on Northern Europe are doing the same. I recommend relating to Copenhagen, Bergen (Norway), and Stockholm. Cities in Germany are also well on the way. It is good not to reinvent the wheel, but to build on the successes of others if possible.

As others have said, the vision of the organization is found not in the strategic plan but in the budget. I do not think Saanich is doing enough in the budget to fund and proactively build out the Active Transportation Plan. Urban neighbourhoods such as mine (Gorge Tillicum) have undersized, crumbling or no sidewalks on main streets and side streets. We have no safe biking infrastructure on busy roads like Burnside, Gorge, Tillicum and Harriet. I am unaware of any efforts by Saanich to build this infrastructure, and I believe you should do it faster. Nothing will go further to create community, increase active transportation, decrease car dependency, and incentivize development more than improving the infrastructure in our neighbourhoods. It makes good economic sense. Please act quickly do to build active transportation infrastructure in urban neighbourhoods where it is needed most.

Be mindful of ensuring a comprehensive carbon emission, sustainability, and waste evaluation for products and strategies. Consider a series of otherwise hidden evaluative criteria: from where did the elements and materials come, what is the potential ecological impact on our global world from extracting, making, transport, utilization, and eventual deconstruction? For example, although a sidewalk sounds like a good idea, use these criteria to truly understand the potential damage to climate change from implementing sidewalks. It is alarming how the process of concrete creation damages our world. Similarly body suits for kayaking gress' and 'new technology' are not zero-damage to climate change,

Bravo!

Congratulations on an extensive plan! Include the youth!

Consider providing bike valets at public events. Consider e-bike and scooter charging at recreation centres. Consider e-bike share program. Replace car parking for bike parking everywhere. Consider options for secure bike parking with room for cargo bikes for staff and the public. Consider secure, convenient bike parking facility in Uptown area.

Do it and do it quickly - there is no choice, it has to done despite the naysayers and vested interests who are only interested in sustaining their own greed.

Do not be afraid to raise taxes in order to deal with this. Though this survey will likely be known by and answered by the climate concerned and infrequently by those who feel it can be or should be or is only worth it if it is free of extra cost. Pass these survey questions and ideas on to senior governments and lobby for their appropriate legislation, regulation, aid in this, and publicizing the concerns.

Do not have any faith in Saanich's commitment to environmental concerns. Sorry! not the staff's problem, Keep up the good work, things have to improve sometime soon.

Do not like the idea of changes that put even more pressure and limitations on Saanich homeowners

Don't waste too much time. Encourage local politicians to lead by example in a big way and to Think through the lens of climate change at each and every meeting they attend and participate in. Encourage and support Community Associations to outreach to their residents by offering community resources to empower associations to reach out and educate Saanich residents at the grassroots levels.

Encourage folks to drive less, buy local and please support residents that grow and raise chickens.

Encourage food production in Blenkinsop Valley. Encourage solar panels on homes. Harness energy from tides (ocean).

Enthusiastically pursue Active Transportation, particularly on Interurban Rail Trail paving and Lochside (Regional) Trail - encourage CRD or retrieve the Lochside Trail management.

Excellent work Saanich Staff! May they give you all 10 weeks paid vacation! *** There is money for everything unless we believe the austerity myth and corporate flight coercion. Charming animation about sufficiency: <https://www.youtube.com/watch?v=fxYboVoiejM> That and cut police spending through attrition. No layoffs. The Green New Deal will reduce much more crime through its socially reverberating effect than increased police and military spending ever do. Steep progressive taxation is key. Firms that politically resist require asset transfer to the Crown. What we can't achieve municipally we can demand from The Province and Ottawa. The 16 year-old-Swede now recognized as the world's heroine leading us to climate restoration and Earth Renewal—Greta Thunberg: “Our Leaders Are Behaving Like Children”: Teen Climate Activist Confronts World Leaders at U.N. Summit https://www.democracynow.org/2018/12/11/our_leaders_are_behaving_like_children You Are Stealing Our Future: Greta Thunberg, 15, Condemns the World's Inaction on Climate Change https://www.democracynow.org/2018/12/13/you_are_stealing_our_future_greta Go for it.

Go Saanich! These are great initiatives!

Good survey!

Great job. I'm thrilled at the detailed items. Likely a model for everyone. I'm totally in support and appreciative.

Hurry up!

I applaud Saanich for this Climate plan.

I don't see anything here that I disagree with, though some actions will of course be more successful than others.

I get the sense that whoever developed this survey has an excellent grasp of the issues, risks, opportunities and urgency of the need to tackle GHGF emissions and human caused environmental degradation. I strongly support all initiatives to engage the public to take quick and decisive action to deal with the current climate change/environmental emergency facing our planet.

I have agreed enthusiastically to most of this and recognize that it is very ambitious. Hope it will be honoured or extended if amalgamation takes effect.

I honestly don't think that even if all these measures were implemented that there would be a significant improvement - more drastic measures are needed

I like that Saanich is taking the initiative on these very important matters. I hope what ever we can achieve will get through to those (Federal Gov, Corporations etc.) to stop acting like climate change is not happening.

I like these actions! I hope to see them implemented.

I think I've said enough already.

I think Saanich is in a great position to lead by example when it comes to green initiatives.

I think that working with local Indigenous communities on many of these projects, especially around ecosystem restoration, is an excellent opportunity to strengthen intercommunity relationships and further the goals of decolonization and reconciliation. There is a lot of local traditional knowledge that would be helpful to Saanich's goals for long-term sustainability. Consulting local First Nations also shows respect and acknowledgment that we are all living on traditional lands and territories and that we want strong relationships based on mutual respect moving forward.

I think you are doing a great job. Public consultation such as this is exactly what I want from my municipality and is why I love living in Saanich.

I thought this was a terrible survey. It is clearly not intended to engage the public as it is replete with jargon and assumes a level of knowledge that is likely shared only by a small number of bureaucrats. Very disappointed with the design of this survey.

I would like to acknowledge and celebrate the extensive efforts, thought and commitment that has been made by council and staff in preparing this survey and more importantly by demonstrating the foresight to engage the public with these issues and the strategies proposed to address them. I am one of thousands of fortunate Saanich residents who will benefit from your coordinated efforts to address these looming challenges. Thank you! Having given considerable thought to the questions included in this survey I am concerned that the structure of the survey medium in this case will deter many residents from responding. Enabling respondents to save and return to complete the survey later will, I think, increase the rate of response to the survey. I hope my perspective might help staff prepare other surveys on this or similarly extensive and complex issues in the future. The survey itself is a wonderfully educational tool and it deserves the widest possible audience. I sincerely hope that the staff involved are able to commit more resources to collecting the views of Saanich residents in other media built from this survey. Notwithstanding the recent legitimate concerns about the limitations of social media platforms these still present valuable, cost-effective and flexible means to reach a wide audience. Segments of this survey instrument could be made available through social media in more manageable pieces. Face to face data collection by municipal staff and temporary staff hired for this purpose during the upcoming months would also help ensure better public engagement that would also lay a foundation for future involvement with the strategies outlined in the draft plan. I would encourage staff and council to closely examine the proposed actions for opportunities to integrate the actions with each other. This may well be happening already extensively behind the scenes but this is not apparent in the survey. For instance questions 73 a & b refer to: "a marketing campaign that highlights the urgency of climate action, showcases examples of local residents and businesses taking meaningful action, and integrates messaging into existing public education and programs (e.g. Saanich Emergency Program)" and "access to programming and workshops for residents and businesses on a range of resilience-related topics, such as home gardening, waterwise landscaping, on-site stormwater management, flood mitigation, emergency preparedness, etc." These marketing campaigns and workshops should also include awareness about building retrofit programs and subsidies, business incentives, loans and food security strategies etc. Mentioned elsewhere in the plan. Or, conversely, these other programs should also benefit from their own marketing campaigns, workshops and related public awareness campaigns. Ensuring that efficiencies in communication between programs within the municipal offices and programs and between staff and the public will help achieve efficiencies and reduce costs of implementing these programs. The many actions proposed raises the essential question, not asked, of which of these strategic priorities are the most critical? This raises fundamental questions about the

values driving the prioritizing - security of property? personal safety? progressive social planning/just transitions? biodiversity? I believe that the public's thoughtful consideration of these priorities would ideally be at the core of determining which of these actions gets funded. I also believe that the public's views on these questions must be carefully weighed alongside the best scientific, engineering and managerial data and guidance available before plans are finalized and as they are implemented. The absence of questions to do with the weighing of these priorities and the values upon which they are determined in this survey leaves me hoping that further widespread public consultation is planned to address those questions. The concerns that the Phase 2 Draft Actions intend to address will determine the livability, economic viability and long-term ecological sustainability of our municipality. Saanich is our home and we as residents are blessed with immeasurable and widely envied wealth, stability, security, economic prosperity, ecological viability, biodiversity and community spirit. Thank you for taking these steps to ensure that we who enjoy such blessings now will continue to many generations into the future.

I'd like to see better reporting on these initiatives. It's not clear how much is working, and how much is not.

I'd love to see compost/recycling at playgrounds, not only garbage. Helps kids to learn too.

if all of these were implemented, i would be amazed. it sounds like a ton of work albeit incredibly important.

I'm impressed with the comprehensiveness of this initiative. Congratulations and keep on pressing [?]. One of the reasons the centre left and right [?] are collapsing in EU and here is that they make promises but do nothing that might upset some grumpy taxpayer still living in the 1950s.

I'm pleased that staff have undertaken this outreach program and are making a strong effort to clarify their communications. Congratulations. Don't stop. Look for more ways to reach more people and get them involved.

I'm really upset we can no longer recycle plastic bags and some other plastics at Bottle Depot. Perhaps Saanich can partner with TerraCycle and set up plastics recycling stations at community centers etc.

In line with the ongoing Extreme Climate Action scare (Climate Emergency) programs now in place.

Invest as much time and energy as needed to meet targets as quickly as possible

It is very comprehensive. Thank you for all your hard work.

It sounds like Saanich has listened to a lot of businesses and research groups about ways to spend tax payer dollars to show how much they care about climate change.... but the responsibility of those elected is to balance the actual measurable returns against the costs

Kudos for doing this. Set Saanich up to be a leader in this area will differentiate the community, will have positive economic development spin off, and is the right thing to do.

Looks good. I assume it can be tweaked as the plan progresses

Looks great Is money in place to make it a reality? I hope this is a significant priority

Most of it is pie in the sky pipe dreams and unrealistic in your time frame. But some of it is very good,

Must ensure that these programs do not impact huge increases to taxpayers

Nice work - it's certainly a big step in the right direction. I would like to see: 1) far more aggressive action/policy on Etransit and active transportation (and less focus on EV and public charging) 2) transportation efficiency policy that is on par with what is being implemented in the Buildings Sector - right now transportation is getting a 'free-ride' on efficiency measures despite the fact that it is ridiculously inefficient - vehicle weights need to be drastically reduced and metrics for vehicle efficiency should include both engine efficiency and passenger/vehicle weight ratios 3) a Saanich wide 'decision lens' to ensure all policy decisions support 50% carbon emissions reduction by 2030 and city-wide carbon neutral by 2050 to follow the IPCC mandate set out in the 1.5C Special Report 4) Guidance for the planning/permitting/zoning departments to prioritize complete, compact neighbourhoods and support future building code requirements in current developments - new developments are still focused on the automobile - for example - Uptown has a massive parkade, but doesn't make any attempt to connect to the Goose bike trail that runs right by it and has poor pedestrian/transit access except from Saanich road - I see Uptown as a huge failure to incorporate infrastructure to support Saanich's mandate for mode shift. 5) a much greater urgency in the development and implementation of climate policy - we do not have the luxury of being able to take years for public consultation/plan development - for example, we need a massive expansion in bike lanes to create a viable commuting network and we need it over the next few years - this is not going to happen with current policy & timelines - we need to expedite policy implementation to deal with the climate emergency appropriately.

No

no

No.

nooooope

Not at this time

Overall, a fantastic and promising effort for climate action in Saanich. I would stress careful, pragmatic evaluation of which policies would have highest "payoff" in terms of results (GHG reductions) and most probable adoption by citizens and consumers (more growth in bike ridership/electric bike than EV sales or transit use.)

Overall, a very comprehensive strategy which I almost entirely support

Plastic in landfills is just as important as emissions for our community

Prepare more education directed at school age kids

Promote policies that enable household carbon savings such as solar, water storage, tree and gardens for food.

Protect trees Don't overdensify w garden suits Limit # of cars per house Ban more plastics Put pressure on car companies to convert (E.g. Honda)

Rebates for homes with gardens or solar panels Land and ocean wind turbines

Saanich is developing area plans for different neighborhoods, but is not considering the climate plan as part of it. For instance, in Cadboro Bay, the developing plan is considering subdivision on areas prone to sea level rise, at the same time higher terrains cannot be subdivided. Densification will require merging of these plans, and education of the community. People want everything, large piece of land, large grass yards with flowers, but they also want to be sensitive to climate change. We will not be able to have all of it. Education is required so my kids, and their kids can have a future.

Saanich needs to totally change its planting policy. Currently when native species are removed for infrastructure, the trees are replaced with horticultural varieties. Saanich used to follow naturescape principles but now only plants tulips and other horticultural species that have no value to native species, especially pollinators. City of Victoria has switched to native plants, while Saanich is still in the dark ages with palm trees and banana plants. This must change if Saanich is going to claim to be a leader in the CRD on climate change and biodiversity.

So far so good. If I had the money, I'd love to make my home into two homes - so many houses could be made into 2-3 homes.

So inspiring to see the plan - can't wait to see the outcome!

Support more credits for buying EV's and scrapping Gas vehicles.

Take action now.

Thank you for the opportunity to share opinions. I came away from this survey feeling like I need more information, however. Saanich community education on these matters may be necessary

Thank you for your work in this area and for this survey.

Thanks for taking climate change seriously.

Thanks for trying to lead as the world tries to catch up to the effects of climate change. How about working with ICBC's ridiculous monopoly to charge more for inefficient gas vehicles registered in the district of Saanich? Those silly trucks with huge loud tailpipes eating gas by the ton should pay double to use the roads, or triple compared to EVs.

There is lots of good info here. Need to prioritize the ones that are quickest to implement with the largest impact first.

These items have to be a priority - whether the "majority" of people in Saanich think so or not - because mitigating disaster is a leader's role. Many are aware and afraid of climate change and ecosystems collapse and will "follow" political leaders who can speak to alternatives. Well done initiatives! Feel proud to live in Saanich - thank you!

They are really weak commitments. There was no mention of getting cars off the road or making bus service more accessible for night shift workers.

This is a worthless survey. You have taken a document for another purpose and tried to superimpose a survey on it. This is not successful and will yield untrue results.

This is great - and extremely important - work. Thanks for the opportunity to participate in the survey.

This looks like a thorough analysis of measures for Saanich to undertake. Good work.

This plan (each proposal) is very ambitious and seems complex. Is there funding available for this undertaking, and are there staff available to devote to this workload.

This survey inspires hope. It all sounds great! Fingers crossed for implementation!

This survey is nonsense. The premise behind every question is designed to lead to predetermined outcomes that support the silly political stance of CAGW. Here's a hint for you: climate changes, always has. Carbon is NOT pollution. Sea level rise is miniscule. And the political nonsense driving this is completely out of touch with real science.

Though I would love to see Saanich introduce air cleaning measures for public use facilities, I would also like it in my workplace. I have brought up air quality concerns at the public works yard to the safety officers several times over the last 8 years and have seen no changes implemented for my personal health. I don't believe that this is the place to get action, but I have tried all others...

Tons of great ideas! Thank you.

Too many to list. We hope this is a good start and that you can implement much of your ideas without asking of more tax dollars. Our taxes are already high.

Very good plan

Walking is good. In all of this it is critical to remember that humans are not the most/only important species. Sometimes it will be necessary to choose not to have all the amazing, convenient things we'd like to have.

Watch Greta Thunberg, headed to be the world's most famous woman: "Our Leaders Are Behaving Like Children": Teen Climate Activist Confronts World Leaders at U.N. Summit
https://www.democracynow.org/2018/12/11/our_leaders_are_behaving_like_children You Are Stealing School Strike for Climate: Meet 15-Year-Old Activist Greta Thunberg, Who Inspired a Global Movement

https://www.democracynow.org/2018/12/11/meet_the_15_year_old_swedish Our Future: Greta Thunberg, 15, Condemns the World's Inaction on Climate Change

https://www.democracynow.org/2018/12/13/you_are_stealing_our_future_greta

We have to start somewhere. Decreasing impervious areas in construction etc. has been discussed ad nauseam. Just do it

We need to be aggressive and make changes that are fast but efficient. In the last couple of years, environmental changes have been coming at us at a rapid rate. We need to be able to respond and change quickly, because the longer we debate the more we lose.

Well done! Excellent work! Proud to live in Saanich. I would like the One Planet Saanich initiative to be expanded and publicized.

Wondering if we can do Syrian Refugees Party

Yes to bike paths, not really in favor of bike lanes that take out existing car lanes. They don't reduce traffic, and they make biking seem like a nuisance. Access to the backcountry in our own backyard, including areas that us taxpayers have paid for, like the Weeks lake watershed area, should be on the forefront of everyone's mind. It's criminal that we are being restricted from this area, in any other jurisdiction, it would be considered crown land. Getting people out in nature is the best way to protect nature.

Yes we need fleets to become ZEV friendly and new construction to be much lower impact.

Yes. I think the elephant in the room is that even with all these initiatives, if we allow fast fashion outlets or large box stores that sell goods at prices that do not reflect the labour or ecological footprint that went into their manufacturing, much of this effort is a moot point. We cannot have another Walmart (such as the one proposed for the empty space in hillside mall) if the goal is to create a circular economy. I think all the municipalities need to come together and consider restrictions on use of retail space, while simultaneously encouraging social enterprise to fill those gaps. An example would be a large workshop/space where donated items can be fixed, upcycled, upgraded/transformed, and resold to support development of a circular economy. We have more stores and more stuff than we could possibly need already. Alternatively, those spaces could be rezoned and converted into recreation spaces or much needed housing units. I also mentioned the idea of having a not for profit grocery store with prepared food at cost to decrease meat consumption, create jobs, improve health outcomes and decrease household food waste in the community. Point is there are many ways we could be using existing commercial space that do not promote rampant consumerism and unfettered capitalism, which might not be factored into the Saanich footprint but still needs to be addressed at the community level

You need to provide cost estimates for all the initiatives proposed in this plan because it will be expensive to do everything proposed herein.

APPENDIX D: PUBLIC OPEN HOUSE

D. 1 Public open house comment boards

Table 35 Open house results - vision comments

Comments: What is your vision?
[comments regarding Christmas Hill developments difficult to read]
Better future for new generations. Healthier
Bi-law people inform inspectors of what to follow
electric car demands for all new cars sold on the island
I just want to live
incentives to help convert electric station at home for electric car
Inspectors don't allow trees in massive numbers to be cut
Less cars and more bikes
Lots of trees and green infrastructure (swales, green roofs, etc.)
Many cities (Oslo, Paris, Copenhagen, Seville, Vancouver, Amsterdam, Bogota, etc.) are already achieving great progress on climate and sustainability.
More community destinations in sprawling suburbs
More community, healthier landscapes, more sharing.
Neighbourhood resiliency plans.
No single use products in cafes, restaurants or grocery stores.
Small electric busses running through suburbs
Solar panels for Saanich hydro consumption
Solar panels on house to generate energy
There are models (and evidence of success) to look to, learn from. Saanich and Victoria area can match those places!!
Use heat pump and water less water tank new
Walk, bike, or use transit to get where they are going
Walking down the road to backyard farm stands (e.g. in Gorge area) jumping on my bike with my daughter and riding on safe, shady streets.
Working happier, healthier, better green land reduce global warming.

Table 36 Open house results - priorities comments

Comments: What are your priorities?
amazon and eBay are delivering more and more through UPS, FedEx, Purolator, etc. driving on roads all serviced by Canada Post. Can you encourage C. Post to get more of this business?

Baby steps, ripple effects. Create small, simple strategies to help people understand the benefits of renewable community.

Bus lanes

Electric mobility routes map

Focus strategy at young people. Help kids formulate the link between climate action and renewable community

Free public transportation for youth (x1 agree)

Getting the children to start a good habit by using public transit everyday Free transit so that they could get on and get off the bus freely.

Increase the urban tree cover

Infrastructure to support Active Transportation

Like Shelbourne Valley Action Plan, focus on future residential retail/commercial development in complete, compact, energy-efficient centres/neighbourhoods with rapid transit/active transportation connections. Same with Uptown Douglas area and Burnside/Gorge/Broadmead?

More trees!

Plant more trees for a cooler Saanich!

Planting more trees, maintain urban forest cover.

Sustainable mobility- what we can do as individual.

D.2 Evaluation form comments

Open house evaluation

Table 37 Open house results - evaluation comments

Any other comments or suggestions?

appreciate the vegetarian food

displays were well present but the climate projection and sea level rise board was based on alarmist fears and unsubstantiated projections rather than real facts. A little boy being afraid of 1 meter rise in sea level is just playing on fear and emotions. Any rise will be gradual and people and society will have to adapt to it. It will not happen in 1 year and anything Saanich does will not stop it from happening.

GOOD LUCK.

Great presentation - very informative.

keep up the good work.

Not sure if they were recorded so let me include them here for recording and follow up. 1. It does seem unfair to those who heat with a wood stove or fireplace and who install and heat pump, improved windows and doors and perhaps also update their insulation would receive no financial advise or professional advice or support of any kind. 2. The City Green presenter spoke about air and ground heat pumps. I asked about aquatic loops/heat pumps in lakes because I have learned they have (now/not) been approved/studied thoroughly. Apparently it's been found than not only can they be a navigational issue (the loops can get entangled in boat propellers) but they heat the water and negatively impact the aquatic environment. Saanich policy states these aquatic heat pumps not be approved until sufficiently tested. Saanich says "no" to their installation. Unfortunately or sadly approval rests with the province. Already one or two have been installed in a local Saanich lake against the will of municipal

policy. This needs to be addressed before many more are installed in water bodies. I hope this is helpful information.

Not sure. I am getting concerned.

Saanich employees currently are provided with free parking at work. If you wish to be taken seriously, regarding a climate emergency declaration, begin by making real changes at Saanich operations, not banning 4 gas station signs.

Thank you for all of your work! Look forward to seeing this work progress.

Thank you very much for your superb efforts to address one of the most challenging issues of the 21st century. The displays were excellently presented and laid out. I think the effects of climate changes on the ecological effects need much more detailing. (You may already have staff working on this.) Maintaining biodiversity will become a major issue as local extirpation occurs, invasive plants and animals disrupt natural cycles. In addition to effects on plants and animals, you need to check into the microbiota - what's happening below the ground - mycorrhizal fungi, nitrogen-fixing bacteria. Two big issues not (apparently) addressed by your analysis are the hegemony of large corporations to control government agendas, WRT pension plans (invisible in destructive practices - mining, deforestation, urban growth, production of plastics, dealing with sewage and "biosolids" etc. Consumers can't take the whole burden! Thank you!

The actions are great - need to make sure they happen! Need to empower neighbourhoods.

There didn't seem to be anyone else in their 20s here, I think it would be good to try to attract more young people.

Electric vehicle presentation evaluation

Table 38 Electric Vehicle Presentation - comments on relevance

The information was relevant and helpful for my particular situation – Optional, please explain

excellent!

federal government need to invest in younger generation and give discount rebate to cheaper cars for everyone that can afford.

I had many more questions although I have been an owner (of a bolt) for over a year.

I've already ordered an EV

My next vehicle will be electric but I did not have a clear understanding of how the system would work. I feel much more confident about the switch and will likely change over sooner.

We have already ordered an EV!

Will never own an electric vehicle; too expensive. Probably an electric bike.

would be helpful to develop a charging station app for the island.

Table 39 Electric vehicles presentation evaluation - comments on likelihood of purchase

Thanks to the presentation, I am now more likely to purchase an electric vehicle and/or choose other low-carbon renewable energy transportation options.

Optional comments:

Already have a bolt

Already have Nissan Leaf and love it. (though newer longer range vehicles means I have battery envy).

cost
I as already planning on it when my current car nears the end of its life not before then.
I believe electric cars should have no tax when purchased.
I now feel ready. Just need to do some homework as far as model/features. Thanks!
Looking forward to membership in an electric car share, hopefully autonomous vehicles, too.
My preference is to retrofit my ICE - so will look into that.
N/a got one
really want one!

Table 40 Electric vehicle presentation evaluation - other comments

Any other comments or suggestions?
Electric buses in suburbs.
enjoyed looking at the cars afterwards.
Excellent presentation!
good presentation
More info on commuting and the various options with better comparison of Evs and buses.
Much more time needed inside for questions.
Perhaps a talk for EV owners.
Thanks for trying to keep the audience questions to a minimum.

Climate friendly homes presentation evaluation

Table 41 Climate Friendly Homes Presentation Evaluation - relevance

Comments: The information was relevant and helpful for my particular situation.
I live in a condo - very little reno. Support is available for that building type.
I need to upgrade/renovate within the next couple of years to increase heat retention in my home.
I now understand how to use my heat pump efficiently.
Interested in RNG
looking for info on natural gas to heat pump not oil (the worst) to heat pumps.
need to look into it more tho.
We already have a heat pump, insulation, new windows, etc. I was hoping for phase 2 - like cisterns, air filters to keep indoor air safe during wildfires, solar panels, drought tolerant fast growing trees, etc.

Table 42 Climate Friendly Homes Presentation Evaluation - likelihood to upgrade

Comments: Thanks to the presentation, I am now more likely to upgrade my home to reduce my greenhouse gas emissions and transition to renewable energy.
Already converted to NG and high efficiency but interested in heat pump.

already have a heat pump

already have heat pump. Next step would be to produce solar energy for electrical system not sure if we will do this.

cost is a factor

I don't use oil and this was highly focused on oil.

Iv'e already done everything recommended.

My house has been upgraded recently.

Now sure - need to look into it more. We got a quote for heta pump and it was more than we could afford even with rebate.

our house already has a heat pump, new windows, etc.

see above - but I am still looking at options.

Thanks for the informative and positive presentation. Clear and well-done.

will examine insulation, windows.

Table 43 Climate Friendly Homes Presentation Evaluation - other comments

Any other comments or suggestions?

Good job Elena!

Great presentation.

I believe sky light should have a rebate. Heating floor is not included in the rebate. All type of appliances need ot have rebate too and they should extend the rebate period.

maybe separate energy efficiency - i.e. mitigation from method to adapt.

There is a need for more support for consumers to get good contractors and avoid bad ones.

Very interesting informative presentation. Thank you.

APPENDIX E: KEY STAKEHOLDER LIST

E.1 Phase 2 adaptation stakeholders

Table 44 Phase 2 Adaptation Stakeholders

Stakeholder organizations registered and/or in attendance at Phase 2 Stakeholder Adaptation Workshop

Archipelago Marine Research

B.C. Ministry of Energy, Mines and Petroleum Resources

B.C. Ministry of Transportation

B.C. Climate Action Secretariat

B.C. Ministry of Agriculture

BC Healthy Communities Society (BCHC)

BC Ministry of Forests, Lands, Natural Resource Operations and Rural (FLNRORD)

BC Sustainable Energy Association (BCSEA) (x2)

Beaver Elk Environmental Stewards

Camosun College (x2)

Capital Regional District (CRD)
Colquitz Middle School
Community Members, including retiree from BCParks
DenVic Enterprises
District of Saanich (x11)
FortisBC
Foundry Spatial
Friends of Mount Doug
Friends of Tod Creek Watershed
Garry Oak Meadow Preservation Society (x3)
Gorge Tillicum Community Association (x2)
Greater Victoria Chamber of Commerce
Greater Victoria School District 61
Haliburton Community Organic Farm Society
ICLEI Canada
Island Health (x5)
Maccrim Solutions
Mount Tolmie Community Association (x2)
Mount View Colquitz Community Association
North Quadra Community Association
Peninsula Streams Society (x2)
Royal Oak Community Association
Saanich Parks Volunteers
Saanich/Uvic Environ. Studies
Uvic Professor, Geography
Vancouver Island Economic Alliance
Victoria Golden Rods & Reels

E.2 Organizations registered for and/or attended mitigation stakeholder workshop

Table 45 Phase 2 mitigation stakeholders

Stakeholder organizations registered and/or in attendance at Phase 2 Stakeholder Adaptation Workshop
Artemis Place Society
B.C. Ministry of Agriculture
BC Transit
BC Sustainable Energy Association (BCSEA) (x3)

Bernhardt Contracting Ltd
Better Transit Alliance of Greater Victoria
C2MP
Camosun College (x3)
Capital Regional District
City Green
City of Victoria
Climate Action Secretariat (x3)
Community member
Capital Regional District (CRD)
District of Saanich (x9)
FortisBC
Garry Oak Meadow Preservation Society (GOMPS)
Golden Rods and Reels
Gorge Tillicum Community Association (GTCA) (x2)
Haliburton Com. Organic Farm Society
Healthy Saanich Committee
Mt Tolmie Community Association
One Planet Saanich (x4)
Peninsula Streams
Quadra Cedar Hill Community Association
Royal Oak Community Association

E.3 Organizations registered for and/or attended EV Industry Engagement

Table 46 Electric vehicle industry engagement stakeholders

Organizations registered for and/or attended EV Industry Engagement
AES Engineering
AQUARA by element
Award Builders Ltd. (x2)
Beacon Construction Consultants
Capital Regional District
City of Colwood
City of Victoria
Concert
Conforti Homes Ltd.
CRD (x2)
Curate Developments
Denux Group (Camargue Properties)

District of Saanich (x5)
FloForm Countertops
Fort Properties Ltd.
FortisBC
GMC Projects
Greater Victoria Housing Society (x3)
groupe denux
Hindson Consulting
Island Health Authority
Island View Planning
James Bay Neighbourhood Assoc.
Jawl Bundon LLP
Jawl Properties Ltd.
JBNA
Keycorp
Lee F. King Consulting
Mike Geric Construciton Ltd. (x2)
Motorize Your EV Store
NAI Commercial (Victoria) Inc.
Number Ten Architectural Group (x3)
On Point Project Engineers
Pacific Landing LP
RDN
Reed Pope
RJC Engineers
Rob-Ron Dev. Ltd.
Strongitharm consulting ltd.
Town of Sidney
Townline Homes
Township of Esquimalt
UDI
UDI (x2)
Victoria Harbour Ferry Co. Ltd.
VIHA
Wensley Architecture (x2)
WSP
Zeidler Architecture

APPENDIX F: STAKEHOLDER MITIGATION WORKSHOP COMMENTS

F.1 Large format poster dots and comments

Figure 16 Stakeholder mitigation dot exercise - compact, complete communities

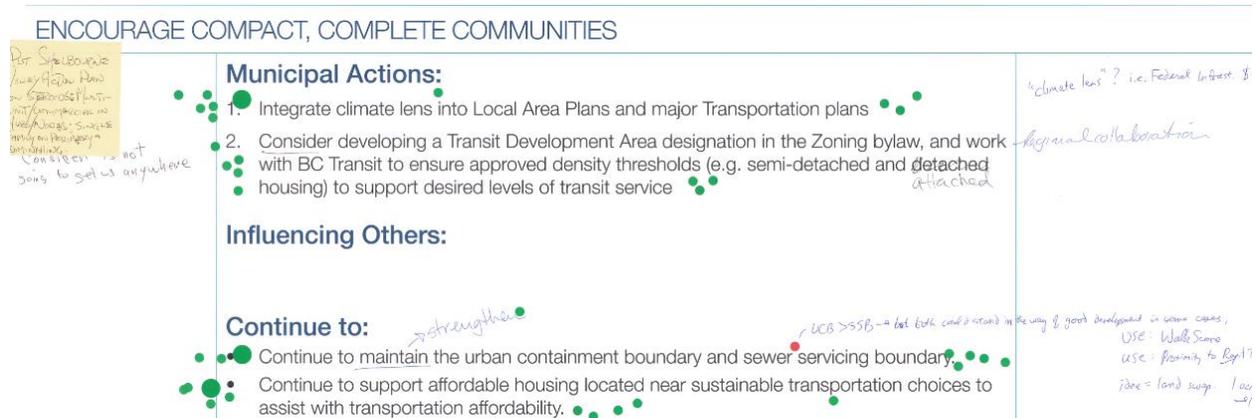


Table 47 Stakeholder mitigation comments - sustainable mobility

Sustainable Mobility
Encourage compact, complete communities
Put Shelbourne Valley Action Plan on steroids: Multi-unit/commercial in hubs/nodes; single family on periphery and diminishing.
"Consider" is not going to get us anywhere.
[UCB and SSB} could stand in the way of good development in some cases. Use: Walk Score Use: Proximity to rapid transit. Idea= land swap. 1 acre out of UCB -> 1 acre in.
"Climate lens"? I.e. federal infrastructure \$??

Figure 17 Stakeholder mitigation dot exercise - transportation demand management

PROMOTE DEMAND MANAGEMENT PROGRAMS • time & data are applicable to DSM

Municipal Actions:

- 1. CORPORATE: Develop and implement a Transportation Demand Management program for all Saanich facilities, including:
 - a. Parking management
 - b. End of trip facilities
 - c. Continue and expand work from home/remote work access policies and practices
- 2. Update off-street parking requirements in zoning bylaw to reflect mode share targets. ●●●
- 3. Develop enabling policies and appropriate core resources for on-street and off-street parking management and enforcement, including time limits, pay parking, ticketing, and towing ●

Influencing Others:

- 4. Work with the CRD to promote programs that support transportation demand management for businesses and institutions in Saanich. ●
- 5. Advocate the Provincial government require ICBC to offer distance-based or pay-as-you-drive automobile insurance, and improve incentives for low-distance driving. ●●●●●
- 6. Work with the CRD and other member governments on integrated and long-term regional sustainable transportation planning and equitable mobility policies such as decongestion charges or road pricing. ●●●

Continue To:

- Continue to encourage multi-unit developments to separate parking costs from unit costs. ●

idea per kilometre pricing - progressive (e.g. 10000 free per year per car per person)

Done by smart card for residents.

Yes! Incentive to drive less!

in this action be leveraged more strongly by a change in legal policy/requirements?

Biodiesel (emissions)

• where is the Data?

#open data

provided by province?

Table 48 Stakeholder mitigation comments - transportation demand management

Demand Management
Some of these are supply side, not DSM.
Idea: per kilometer pricing progressive (e.g. 10,000 km free per year per car per person) - done by smart card for residents.
Hinge parking variance with TDM measures. Follow-up with those to ensure follow-through.
[Pay as you drive or distance based vehicle insurance] yes! Incentive to drive less.
[Multi-unit separate parking costs from unit costs] can this action be leveraged more strongly by a change in legal policy/requirements?
Biodiesel emissions where is the data? #open data provided by province? By transp. Serv. Providers? Owned by public?

Figure 18 Stakeholder mitigation dot exercise - active transportation

INVEST IN ACTIVE TRANSPORTATION

Municipal Actions:

1. Measure and report on equitability indicators in Active Transportation investment.
2. Support initiatives to reduce speeds on residential streets.
3. Consider requiring bike parking improvements at time of renovation for commercial and multi-unit residential buildings.
4. Expand the Active & Safe Routes to School program to all Saanich elementary schools.
5. CORPORATE: Improve secure bike parking at all Saanich facilities to meet or exceed current bylaw requirements for new construction. Prioritize shifting car parking to bike parking, rather than removing greenspace.
6. CORPORATE: Implement an e-bike program within the Saanich fleet, including Bike Safety Skills training.

Influencing Others:

7. Work with relevant groups and seek funding to provide bike safety skills courses for all Saanich schools.
8. In partnership with the CRD and the Province, develop and implement a promotion and incentive program for electric bicycles for Saanich residents.

Continue to:

- Fully fund and implement the Active Transportation Plan (ATP), including:
 - i. Capital investments and committed operational resources required to build and maintain safe, comfortable, connected walking and cycling networks;
 - ii. Updated requirements for end-of-trip facilities in new development;
 - iii. Advocating for modernizing the Motor Vehicle Act.

Handwritten notes and sticky notes:

- Sticky note: "Shelbourne Valley AP started more than 10 years ago! No start yet. How can Saanich speed up street/district transformations?"
- Sticky note: "Where is concrete action on funding more bike paths?"
- Sticky note: "More bike paths and linkages"
- Sticky note: "Cycling safety education needed in all schools!"
- Sticky note: "Lobby for sales tax rebates for Ebikes similar to electric cars."
- Sticky note: "Needs to be 'Triple A' infrastructure."
- Sticky note: "Add charging opportunities for ebikes and electric scooters"
- Sticky note: "[Bike skills training] at the high school. Middle/elementary also."
- Sticky note: "#VisionZero: ENV (climate), MAH, EMPR, TRAN, HLTH, PSSG, AG (ICBC)"
- Handwritten note: "Let the high school? middle/elementary also"
- Handwritten note: "Cycling safety education needed in all schools!"
- Handwritten note: "Lobby for sales tax rebates for Ebikes similar to electric cars."
- Handwritten note: "Needs to be 'Triple A' infrastructure."
- Handwritten note: "Add charging opportunities for ebikes and electric scooters"
- Handwritten note: "[Bike skills training] at the high school. Middle/elementary also."
- Handwritten note: "#VisionZero: ENV (climate), MAH, EMPR, TRAN, HLTH, PSSG, AG (ICBC)"

Table 49 Stakeholder mitigation comments - active transportation

Invest in Active Transportation
Shelbourne Valley AP started more than 10 years ago! No start yet. How can Saanich speed up street/district transformations?
Where is concrete action on funding more bike paths?
More bike paths and linkages
Cycling safety education needed in all schools!
Lobby for sales tax rebates for Ebikes similar to electric cars.
Needs to be "Triple A" infrastructure.
Add charging opportunities for ebikes and electric scooters
[Bike skills training] at the high school. Middle/elementary also.
#VisionZero: ENV (climate), MAH, EMPR, TRAN, HLTH, PSSG, AG (ICBC)

Figure 19 Stakeholder mitigation dot exercise - public transit

COLLABORATE WITH BC TRANSIT TO EXPAND SERVICE

Municipal Actions:

1. CORPORATE: Promote public transit use to Saanich staff for commuting and appropriate work trips, including promoting ProPass for commuting and updating travel policy and providing tickets for work trips.

Influencing Others:

2. Work with BC Transit to update the BC Transit Future implementation plans to incorporate latest best practices and new technology needs.
3. Ensure that the Victoria Regional Transit Commission is provided with the funding levels needed to meet our public transit mode share targets over the long term.
4. Work with BC Transit to ensure affordable and simple to understand fares.

Continue to:

- Continue to incorporate best practices for building transit-oriented communities and developments into Local Area Plans.
- Continue to implement transit priority signal technology.
- Continue to build public transit amenity improvements as described in the Saanich Active Transportation Plan, including bus stop upgrades and accessibility improvements near bus stops.

Handwritten notes:
 - "Easy to agree with action" statements, but action in almost all is very vague.
 - "Critical to long term planning & implementation"
 - "Bus Lanes too!"
 - "walk the talk - 'incentivize or require' parking space not a requirement of employ"

Table 50 Stakeholder mitigation comments - public transit

Collaborate with BC Transit to Expand Service
 #UptownDouglas>E&N>>Malahat (CRD board)
 Bus lanes too!
 [transit-oriented practices incorporated in LAPs] LAPs - critical to long term planning and implementation.
 walk the talk - "incentivize or require" parking space not a requirement of employ
 Easy to agree with "action" statements, but action in almost all is very vague.

Figure 20 Stakeholder mitigation dot exercise - shared mobility

SUPPORT SHARED MOBILITY SERVICES

Municipal Actions:

Influencing Others:

1. Encourage the introduction of one-way car sharing services (e.g. Car2Go and Evo) and work with existing car share, bike share, and other shared mobility service providers to expand their local fleets.
2. Work with car share, bike share, and other shared mobility service providers to facilitate electric charging for their fleets.
3. Advocate that the Province adequately regulates ride hailing services to ensure it does not result in increased congestion and emissions, or decreased transit ridership.
4. Work with the Province and School Districts to review and expand the eligibility criteria for school bus service for younger children, with the goal of reducing traffic congestion near schools and supporting sustainable transportation choices for all members of households with school aged children.

Continue to:

- Continue to provide dedicated parking spaces for car shares in public right of way
- Continue to work with bike share providers to ensure a well-used and maintained fleet of bikes are available and balanced with other residents' needs.

Handwritten notes:
 - "One-way car sharing often integrates with transit, walking & cycling. Fleet should be on grounds, mostly at other 2-way streets."
 - "Encourage expansion into e-bikes & electric scooters"
 - "NEED TO VERIFY THE EFFECTIVENESS OF BIKE SHARE"
 - "Accumulate Electric Scooters"
 - "Prohibit regulations: Dislike the 'sharing economy' (e.g. Uber)"
 - "Ride hailing is a significant danger to public transit."
 - "REQUIRE ALL RIDE HAILING TO BE EV."
 - "High school parking (student) - school catchments make this challenging as French."
 - "Would spending same \$ on safe routes to school have greater benefits."
 - "School catchments make this challenging as French."

Table 51 Stakeholder mitigation comments - shared mobility

Support Shared Mobility Services

Include electric scooters

Stipulate electric or hydrogen only for ride sharing/hailing

Need to verify the effectiveness of bike share

Ebike fleets

Encourage expansion unto ebikes and electric scooters

High school parking (student) restrictions would be good.

Would spending same \$ on safe routes to school [instead of school busses] have greater benefits?

School catchments make this challenging e.g. French.

Congestion is our friend - induced demand (-supply)

One-way car sharing often competes with transit, walking and cycling. Focus should be on growing Modo and other 2 way services.

Like regulations. Dislike the "sharing economy" e.g. uber)

Ride hailing is a significant danger to public transit

Require all ride hailing to be EV.

Figure 21 Stakeholder mitigation dot exercise - zero emission vehicles

ENCOURAGE ADOPTION OF ELECTRIC AND OTHER ZERO EMISSION VEHICLES

Municipal Actions:

1. Work with businesses in Saanich to develop a Zero Emission Commercial Vehicle Strategy and identify opportunities for efficiencies and transitioning to renewable, low-carbon fuels, and right-sizing fleets.
2. Establish EV infrastructure charging requirements for new development through a zoning bylaw amendment.
3. Investigate different strategies and incentive models to support the installation of EV charging infrastructure in existing multi-family buildings.
4. Expand the number of public charging stations in Saanich, and review management options such as time limits and fees to ensure optimal use of chargers.
5. CORPORATE: Join the West Coast Electric Fleet initiative.
6. CORPORATE: Become an E3 rated fleet with a target of gold level standard.
7. CORPORATE: Fund and implement efficiency programs for our fleet, including anti-idling technologies, right-sizing, route optimization, and driver education.
8. CORPORATE: Investigate feasibility of and trial lower carbon fuels in new and retrofitted medium and heavy duty vehicles, such as 20% biodiesel and 100% renewable diesel.
9. CORPORATE: Conduct detailed market-readiness, environmental, and business case analyses for zero emission vehicles for our medium and heavy-duty fleet such as garbage trucks and fire engines. Include electric, biodiesel, renewable diesel, renewable compressed natural gas, hydrogen, and other emerging options.

Influencing Others:

10. Work with community organizations and other local governments to expand education and outreach on electric vehicles, with particular emphasis on reaching lower-income or other underrepresented audiences.
11. Advocate that the Province adopt "Right to Charge" legislation that supports condo- and apartment-dwellers' access to charging at home.
12. Support BC Transit's electrification efforts, which may include measures such as in-route charging, additional depot facilities, and road design modifications.
13. Advocate that the Province expand incentives for EVs and charging infrastructure; with more rebates for used EVs and specific offerings for income-qualified households.
14. Explore strategies to make biofuels more available to the private sector.
15. Advocate that the federal government introduce higher efficiency and air quality performance standards for commercial vehicles.
16. Work with School Districts to support electrification of school buses.

Continue to:

- Provide and expand public electric vehicle charging.
- Promote provincial electric charging rebates.
- Promote provincial ZEV rebates for commercial vehicles.
- CORPORATE: Continue to electrify our light-duty fleet.
- CORPORATE: Continue to implement sustainable purchasing policy, including purchasing zero emission vehicles when available and appropriate.

Handwritten notes and sticky notes include:

- "Business should be..."
- "Can it...?"
- "Right to Charge"
- "Biofuels"
- "School buses"

Table 52 Stakeholder mitigation comments - zero emission vehicles

Encourage adoption of electric and other zero emission vehicles
[charging] for cars and bikes and scooters.
[right to charge] important one to support
Can BC Hydro come up with all this hydro? At what environmental cost? E.g. site C. Saanich seems to think hydro is going to solve most of our problems. Encourage local solar, geothermal, wind, etc. To be resilient, we need to diversity.
Electric only not hydrogen. More installations that may need and emergency measures act to force.
Electricity should be preferred energy source. See Transport and Environment's studies.
Encourage electric cargo bikes
Encourage electric cargo bikes for short range delivery
Focus should be on electricity as preferred energy source. Burning food is not ok!
Home wall power storage units
Look at minimizing the size of fleet needed.
Misleading claims re GHG reductions from biofuels are the norm. Stop all biofuel adoption until vigorous standards in place.
need to verify GHG reductions of biofuels
need to verify GHG reductions of biofuels
No H2! It's not proven technology and may never be, but Evs work now.
Please contact the Victoria Electric Vehicle Club. We're way ahead of you on some of these strategies and more than willing to help.
Problems with incentives: fiscally unsustainable. \$ is to well-off. \$ to those who would take action regardless. Need fed. Mess. On electric targets for fleets.
Support EV charging on school grounds M-F for staff and open up later for public charging.
Try asking Peninsula Co-op stations to install EV fast charging
yes and in existing structures may need enforcing

Figure 22 Stakeholder mitigation dot exercise – new construction

REQUIRE EFFICIENT, LOW-CARBON NEW CONSTRUCTION	
<p><i>How is this measured?</i></p> <p>Municipal Actions:</p> <ol style="list-style-type: none"> Build on the BC Energy Step Code adoption in Saanich to set a pathway for highly efficient, zero carbon new buildings through one or more of the following actions: Establish timelines for achieving the higher steps of the BC Energy Step Code by 2025 or sooner, with relaxations for low-carbon heating systems Consider incorporating greenhouse gas intensity or low carbon energy systems requirements for new development through rezoning processes Advocate for the Province to enable municipalities and/or building code to include mandatory greenhouse gas intensity limits for new construction. Review and update Saanich bylaws and processes to remove barriers and support high performance buildings. Updates may include: <ol style="list-style-type: none"> Amendments to the floor area definition and/or setbacks to ensure thick, highly insulated walls are not penalized Design guidelines or other guidance documents for Part 3 buildings that align energy efficiency with good design through cost-effective building techniques Amendments to the Saanich Noise bylaw to ensure allowance for heat pumps or opportunities to ameliorate potential issues through on-site-solutions (screening, etc.) Introduce mandatory energy benchmarking for new part 3 buildings as part of the Step Code requirements beyond 2020 Update the Saanich Sustainability Checklist for new developments to be more user-friendly and support a range of sustainability objectives CORPORATE: Pilot and encourage low-carbon and carbon-sequestering building materials to be used in corporate facility development projects. CORPORATE: Update Corporate Energy Conservation Policy CORPORATE: Update Saanich's Green Building Policy <p>Influencing Others:</p> <ol style="list-style-type: none"> Participate in initiatives that increase awareness of home energy labels (currently being generated for new construction in Saanich) and support public disclosure mechanisms for home energy labeling Initiate or participate in a project that helps understand training needs and opportunities, and support skills development for high performance buildings and renewable energy technologies Develop tools and strategies to track and report on embodied energy and emissions in new construction projects <p>Continue to:</p> <ul style="list-style-type: none"> Implement the BC Energy Step Code, requiring progressively higher energy performance in new construction Require an energy label be generated and affixed to the electrical panel in new Part 9 construction 	<p><i>How can Saanich strategically reduce uptake on NG for homes currently on heating oil?</i></p> <p><i>Focus instead on training/education/prof. dev't of the TRADES to performance based construction techniques</i></p> <p><i>HP should make less noise</i></p> <p><i>Force industry to innovate. Not fair to residents to deal with increased noise.</i></p> <p><i>Newer HPs can be quieter.</i></p> <p><i>Just require electric heat and hot water systems</i></p> <p><i>Need stronger action [than checklist]</i></p> <p><i>Dump this [checklist]. Using and promoting performance standards will encourage compliance and innovation.</i></p> <p><i>Monitor forest products extraction [WRT biomass]</i></p> <p><i>Let climate change plan direct this. Just follow the BCBC not worth the effort.</i></p> <p><i>Work with Camosun College and industry</i></p> <p><i>Not sure this [embodied energy emissions tracking] is strategically a good call.</i></p>

Table 53 Stakeholder mitigation comments - new construction

Require Efficient, Low Carbon New Construction
How is this [zero carbon] measured?
Targets over checklists
How can Saanich strategically reduce uptake on NG for homes currently on heating oil?
Focus instead on training/education/prof. dev't of the TRADES to performance based construction techniques
HP should make less noise
Force industry to innovate. Not fair to residents to deal with increased noise.
Newer HPs can be quieter.
Just require electric heat and hot water systems
Need stronger action [than checklist]
Dump this [checklist]. Using and promoting performance standards will encourage compliance and innovation.
Monitor forest products extraction [WRT biomass]
Let climate change plan direct this. Just follow the BCBC not worth the effort.
Work with Camosun College and industry
Not sure this [embodied energy emissions tracking] is strategically a good call

Engage the Home Performance Stakeholder council.
 move towards disclosure [building energy labelling]
 [labelling] may not be worth the political cost.

Figure 23 Stakeholder mitigation dot exercise - existing buildings

ACCELERATE THE UPTAKE OF EFFICIENCY MEASURES AND RENEWABLE ENERGY IN EXISTING BUILDINGS

IN ALL EXISTING BUILDINGS:

Municipal Actions:

1. Explore options for efficiency upgrade requirements during major renovations
2. Review and update bylaws, policies and procedures to remove barriers for and support adoption of heat pumps and other low carbon systems and envelope upgrades (e.g. see delegated authority from Council for staff to approve major renovations; address conflicts between heat pumps and noise bylaws, etc.)

Handwritten notes for item 2:
 Require electric heat & hot water
 In the limited areas about municipalities but need authority, you must be more ambitious - & require a permit to address take stronger proposal to Council.

Influencing Others:

3. Work with provincial and federal governments to develop a retrofit code that enables local governments to set requirements based on greenhouse gas intensity.
4. Advocate for government and utility rebate programs to be consistent, long-term, effective, and tied to carbon reduction requirements
5. Work with industry, including the Home Performance Stakeholder Council, to understand training needs and opportunities, and ways we can support skills development.
6. Support efforts to reduce refrigerant leakage and the use of lower global warming potential (GWP) refrigerants.
7. Work with FortisBC to establish a baseline and track renewable natural gas (RNG) consumption in Saanich, and promote uptake of RNG in priority sectors

Handwritten notes for item 7:
 supply of low carbon footprint RNG's very limited. Council focus on sectors that are difficult to electrify woodstoves.
 ??

Continue To:

- Partner on and promote utility and other government incentives.

Handwritten notes for 'Continue To':
 Long term is critical.
 how? need to articulate further.

FOR DETACHED AND SEMI-DETACHED HOMES (PART 9 BUILDINGS)	
<p><i>2019-2020</i></p> <p>Municipal Actions:</p> <ol style="list-style-type: none"> 1. Work in partnership with industry, utilities, other local governments and the Province to further explore new incentive models, supply-side constraints, and regulatory approaches to establish a low-carbon pathway for part 9 homes; including mechanisms for data collection and tracking, short and long term conversion targets, and pilot projects 2. Accelerate the uptake of energy efficiency and low-carbon retrofits by addressing the multiple barriers through complementary programs, with a focus on testing ideas through pilots and iterative learning approaches. Such programs should include: <ol style="list-style-type: none"> a. A financing pilot to help homeowners overcome the capital cost barrier of oil to heat pump upgrades, prioritizing lower income households and households experiencing energy poverty; if successful, expand the program to other energy upgrades b. Strategies, developed and piloted in partnership with industry, that simplify the quoting and decision-making process for homeowners (e.g. bundled retrofit packages, integrated delivery of upgrades) and that present a compelling business case, accounting for benefits beyond energy cost savings (e.g. health, comfort, rental value, etc.) c. Tailored messaging for specific audiences that reflects people's values and motivations, and delivery of these messages at key decision-points in collaboration with industry d. The development of additional incentives and programs to support efficiency and low-carbon system upgrades, with particular focus on reaching missing markets such as rental households, low income households, and households experiencing energy poverty. e. Community-level outreach strategies such as a "neighbourhood climate challenge" to harness the power of social networks, local change-agents, and realize other community-building benefits f. Delivery of educational resources and campaigns to increase energy and climate literacy, including knowledge of low-carbon retrofit opportunities and the benefits of heat pumps for climate mitigation, adaptation, and affordability 3. Pursue a mandatory phase-out of oil-based heating systems in Saanich, in conjunction with supporting programs to help residents and industry make the transition. 3. Investigate municipal opportunities to discourage fuel switching from low carbon to high carbon energy sources. <p>Influencing Others:</p> <ol style="list-style-type: none"> 4. Advocate that the province adopt mandatory energy and greenhouse gas labeling at time of sale/rent, and work with local governments and the Province to support public disclosure mechanisms for home energy labeling. 5. Work with the Province to develop mechanisms that prevent fuel switching from low carbon to high carbon energy sources in our community 6. Advocate that the Province make legislative amendments to better support the use of local area services to finance retrofits on private property <p>Continue to:</p> <ul style="list-style-type: none"> Promote incentives for energy saving and renewable upgrades 	<p><i>The int. gov. is where the power is</i></p> <p><i>oil should be illegal!</i></p> <p><i>Oil heat will be the industry left the market run</i></p> <p><i>work with local gov. to see if we can get some programs</i></p> <p><i>High Technology</i></p> <p><i>oil heat is not the best option</i></p> <p><i>discourage fuel switching from low carbon to high carbon energy sources</i></p> <p><i>mandatory, not just labels, but facts</i></p> <p><i>mandatory</i></p> <p><i>there are concerns on doing that one</i></p> <p><i>that the companies in town</i></p>
<p><i>2019-2020</i></p> <p>Municipal Actions:</p> <ol style="list-style-type: none"> 1. Develop a low-carbon systems strategy (heating and hot water) and associated programs for Part 3 buildings based on segmented building types and uses, which includes data collection and tracking, system conversion targets and sufficient incentives 2. Investigate and pilot innovative incentive tools such as property tax breaks to support low carbon upgrades in commercial and multi-family residential buildings 3. Investigate innovative options for engaging strata owners and tenants in commercial and rental apartment buildings to support sustainable behaviour as well as build support for undertaking zero carbon and efficient building retrofits 4. CORPORATE: undertake comprehensive energy audits of Saanich facilities to identify opportunities to achieve 100% renewable energy and GHG reduction targets in our own building operations <p>Influencing Others:</p> <ol style="list-style-type: none"> 5. Encourage the province to adopt mandatory energy and greenhouse gas benchmarking and recommissioning for existing large part 3 buildings <p>Continue To:</p> <ul style="list-style-type: none"> Promote incentives for energy efficiency and GHG reducing upgrades for Part 3 buildings. 	<p><i>very close what this means or build</i></p> <p><i>Some incentives have to be there</i></p> <p><i>property tax breaks</i></p> <p><i>these incentives will be the best way to get the industry to change</i></p> <p><i>there are concerns on doing that one</i></p> <p><i>that the companies in town</i></p>

Table 54 Stakeholder mitigation comments - existing buildings

<p>Accelerate the Uptake of Efficiency Measures and Renewable Energy in Existing Buildings</p>
<p>tie [efficiency upgrade requirements] to earthquake preparedness</p>
<p>Require electric heat and hot water</p>
<p>Hydro power will decrease with glacier melt and increase need for other renewable NRG sources</p>
<p>How much over BCBC is this may not be worth the effort</p>

In the limited areas where municipality has legal authority, you must be more ambitious. "Explore options" is obvious. Take stronger proposal to council.

Long term [rebate program] is critical.

How? Need to articulate further [reduce refrigerant leaks]

Supplies of low carbon footprint RNG is very limited. Careful focus on sectors that are difficult to electrify needed.

I pay more for FortisRNG, but not sure that it helps. Make doing the right thing easier. The result is: I'm still burning natural gas. What oversight of FortisRNG is there?

Use a regional task force for co-Ordination [on low carbon pathway for part 9 homes]. This isn't really an action: "further explore." After decades of climate crisis aren't we beyond exploring possible (weak) actions.

Oil should be illegal.

Use of bank mortgage (transferrable) for greater efficiency retrofits to RE.

District can't control industry - let the market run. [Re simplifying contracting retrofit process for homeowners].

Work with landlords - tax incentives (?) to encourage upgrades to rental properties. [community level outreach] key strategy

Other LGs region and other stakeholders - yes to collaborate outlaw, don't just discourage [low to high carbon fuel switch]

Taxation, surcharges

require permits on NG systems (heating systems)

Absolutely - fast-track with CRD, Province, Feds [GHG and energy labelling of homes] [labeling] #opendata on a map - shaming like recycling blue box peer pressure success].

[Prevent fuel switching to higher carbon] just do it! Municipalities have jurisdiction.

Ensure NG connections are paying full cost - new NG connections to homes.

Start a 2030 district

not sure what this means or benefit [part 3 low carbon systems strategy]

To meet targets we have to have these upgrades. How does Saanich sustain its tax base with these tax breaks?

Bring in "right to charge" bylaws to encourage residents of Stratas and MURBs to change to electric vehicles.

Figure 24 Stakeholder mitigation dot exercise - infrastructure

INFRASTRUCTURE

<p>ROADS</p> <p>Municipal Actions:</p> <ol style="list-style-type: none"> 1. CORPORATE: Save energy by continuing to replace older streetlights with high efficiency lighting. <i>less light button / motion activated</i> 2. CORPORATE: Pilot low embodied carbon materials. <i>perhaps locally produced? require reuse/recycling in retrofits</i> <p>Influencing Others:</p> <p><i>use less lighting commercial and res - motion rather than on all the time</i></p> <p>Continue To:</p>	<p><i>This isn't just sustainable mobility but facilitates numbers E/GHG reduction opportunities. E.g. infill, secondary suites, etc.</i></p> <p><i>What about complete, compact communities?</i></p> <p><i>inspired by change #Bcpolic LGA progressive property taxes, #affordability. And lose the Emma Edwards [unlawful] bylaw.</i></p>
<p>WATER</p> <p>Municipal Actions:</p> <p>Influencing Others:</p> <p>Continue To:</p>	<p><i>infill/secondary suites etc.</i></p> <p><i>inspired by change #Bcpolic LGA progressive property taxes, #affordability.</i></p> <p><i>lose the Emma Edwards [unlawful] bylaw.</i></p>
<p>ASSET MANAGEMENT</p> <p>Municipal Actions:</p> <p>Influencing Others:</p> <p>Continue To:</p>	
<p>INCREASE LOCAL RENEWABLE ENERGY SUPPLY</p> <p>Municipal Actions:</p> <ol style="list-style-type: none"> 3. Conduct feasibility and business case analyses for renewable energy production in Saanich, including solar PV and biogas/Renewable Natural Gas. 4. Conduct options analysis for collected organics (e.g. methane production or soil carbon sequestration) 	

Table 55 Stakeholder mitigation comments - infrastructure

Infrastructure
less light button/motion activated
Perhaps locally produced? [low carbon road materials]
require reuse/recycling in retrofits
encourage GHG "lock-in" e.g. wood first construction
Use less lighting commercial and res - motion rather than on all the time.
What about complete, compact communities? This isn't just sustainable mobility but facilitates numbers E/GHG reduction opportunities. E.g. infill, secondary suites, etc.
inspired by change #Bcpolic LGA progressive property taxes, #affordability. And lose the Emma Edwards [unlawful] bylaw.

Figure 25 Stakeholder mitigation dot exercise - food



Table 56 Stakeholder mitigation comments - food systems

Food Systems
Encourage home gardens, boulevard plantings
need to have a focus on shifting to a more plant-based diet
Create more community gardens. Buy Royal Oak Golf Course and convert it into a community garden
Also add gardens to King's Road "Hydro lands".
"Certified local food" designation for restaurants and cafes.
Create/contribute land to regional Farmlands Trust.
Discourage mansion building on farm land. For example: Blenkinsop Valley!
support farmers markets
Fund food production programs in all schools for food security, learning/education, connection to food/nature = wellness increases.
Community synergies. College and secondary shop classes with members in community - provide chicken coops, cold frames, vegetable kiosk, greenhouses etc.
Allow residential roadside produce stalls to encourage local production and consumption.
McLaughlin sewage treatment waste to Hartland Landfill for anaerobic bio digester for Renewable Natural Gas to FortisBC and digestate to be used as fertilizer for agriculture and forest renewal.
Food labelling is much easier to talk about than actually implement.
[Saanich carbon calculator] so long as there are "methodology" levers to play with (i.e. model inputs/assumptions).
less meat
Allow small scale food prep/sales. Living room restaurants
Increase awareness/education campaigns on food choices.

Figure 26 Stakeholder mitigation dot exercise - lighter living

SUPPORT "LIGHTER LIVING" CHOICES

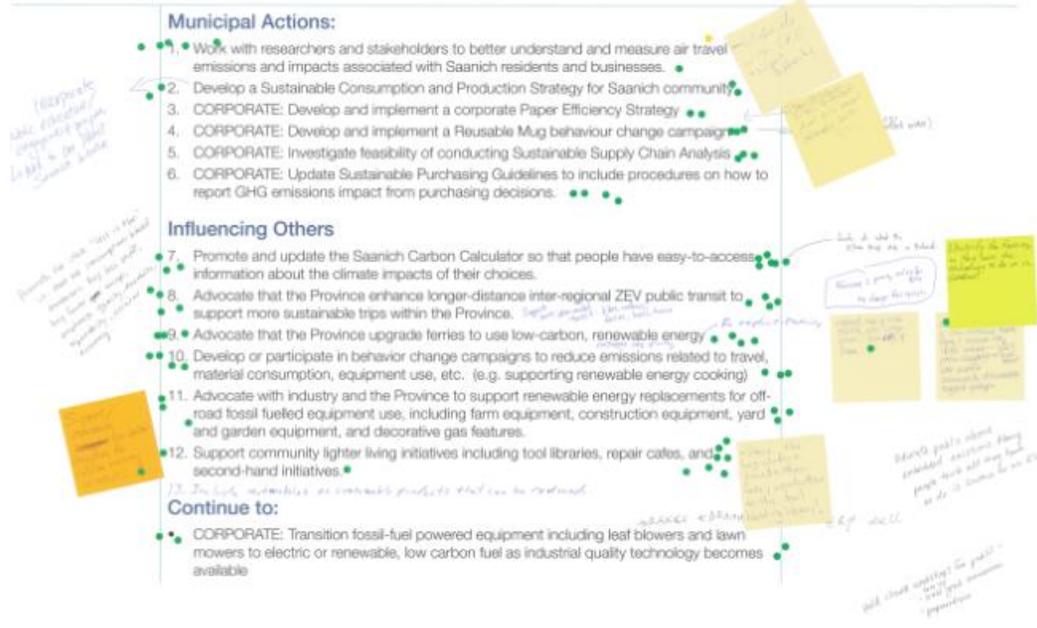


Table 57 Stakeholder mitigation comments - consumption and waste

Consumption and Waste
Support Lighter Living Choices
Incorporate public education/engagement program - add to One Planet Saanich initiative
Promote the idea "less is more" i.e. There are consumption-based emissions. Buy less stuff, buy fewer things, and emphasize quality, durability, reparability, circular economy.
Support/establish incubator program for circular economy initiatives.
Include automobiles as consumable products that can be reduced.
support more inter-modal transit: bikes, walking, ferries, buses, trains
BC Ferries - be explicit electricity, passenger only priority
Collaborate with CRD and airport authority.
Paper efficiency - I am surprised that this doesn't already exist
Behaviour change - e.g. bottled water
Look at what the Sitra fund did in Finland
Ferries: priority sailing for EVS, no charge for cyclists
Expand use of bike trailers, electric cargo bikes - share of these
Electrify the ferries as they have the technology to do so in Sweden
Long distance travel flying - increase stay local values via poster campaigns "local travel" role models, community discussions support groups.
Have the legislature donate their fancy woodcutter to the tool lending library!
[Re: leaf blowers] rakes and brooms work very well.
Educate public about embedded emissions. Many people think all they need to do is switch to an EV.
Hold climate workshops for public - how to lower your emissions and preparedness.

Figure 27 Stakeholder mitigation dot exercise – food waste

REDUCE FOOD WASTE AND DIVERT ORGANICS FROM LANDFILL

Municipal Actions:

1. Promote the “Love Food Hate Waste” campaign.
2. Investigate the introduction of a policy framework and bylaw to support diversion of demolition waste that would be enforced through demolition permits
3. Conduct a cost analysis, case study review and consider supporting pilots on a “deconstruction” approach to demolition, which can achieve landfill diversion rates of over 80%
4. Review and update the Greener Garbage organics diversion program, including considering changes to frequency, and expanding services to more residents
Concern: non-compliance (greenwashing) b.e.g. Fast Food joints.

Influencing Others

5. Support community efforts on food waste reduction and donation pilot programs
6. Work with CRD to enhance monitoring and enforcement of kitchen scraps ban for residents and businesses, and work with stakeholders to improve compliance.
7. Advocate the CRD introduce a Wood Waste Disposal Ban for the Hartland Landfill → *more info needed - what would alternative be?*
8. Work with stakeholders to improve disposal options for invasive species and noxious weeds.

Continue to:

- CORPORATE: Ensure all Saanich facilities and public events provide compost containers to divert food waste from landfill, and work to continually increase diversion rates.

Extra open for all!

— find some way to compost pet waste + disposable diapers?

Emphasize Food waste/composting to food security (fertilizer) not waste to energy (i.e. RNG)

Portland is an example

promote composting toilets - neighbourhood centered compost sites, gardens

How would you achieve this? enforcement would be very difficult

more info needed - what would alternative be?

Have water bottle filling stations at Saanich events/facilities

Have recycling for multi-products at Saanich events/facilities

Table 58 Stakeholder mitigation comments - food, organics, waste

Food organics waste
find some way to compost pet waste and disposable diapers
[Greener garbage organics] concern: noncompliance (+ greenwashing) b.e.g. Fast Food joints.
Emphasize food waste/composting to food security (fertilizer) not waste to energy (i.e. RNG)
Portland is an example of this [deconstruction not demolition of buildings]
Promote composting toilets - neighbourhood centered compost sites, gardens
How would you achieve this? [enforcement of organics ban] enforcement would be very difficult (x2)
More info needed - what would alternative be? [Hartland wood waste ban]
Have water bottle filling stations at Saanich events/facilities
Have recycling for multi-products at Saanich events/facilities

Figure 28 Stakeholder mitigation dot exercise - zero waste



Table 59 Stakeholder mitigation comments - zero waste

Work towards Zero Waste and Circular Economy
[plastic bag ban] not GHGs.
[additional drop-off locations] add fibers/fabrics - address problematic fashion industry - currently goes to landfill if too gross/used for donation (Vancouver has program)
[Right to repair] like France- companies have to repair or replace, items that break for a longer warranty period.
Saanich stop using plastic bags too, even those not captured by retail ban (#leadby example)
Add focus on work/livelihoods that are low CO2 - promote low CO2 values with role models, etc.
Repair café, promote frugality, other associated values.
Consider working with post-secondary.
Provided inefficient appliances (fridges and washing machines) are not included [in right to repair?]

Figure 29 Stakeholder mitigation dot exercise - community well-being



Table 60 Stakeholder mitigation comments - community well-being

Community well being
Use social justice and equity as a lens to all initiatives
Pilot a city doughnut economy workshop (i.e. Amsterdam) strive for community wellbeing.
BC Sustainable Energy Association and the Youth Involvement Project
Social determinants of health as it relates to climate change. Look into A. Ashcroft report? Build upon?
What is energy poverty?
But yes to collaboration
GPI? Happiness index? What indicators would be used? Publicize it!
Link with post-secondary and secondary schools, create strategy [strategic plans include clean tech, retrofits, other economic opportunities]
Create incubator for resilient/low carbon/circular startups that also prioritize job creation/local econ. Development.

Figure 30 Stakeholder mitigation dot exercise - evaluation framework

EVALUATION FRAMEWORK FOR CLIMATE ACTIONS

Criteria	Low Priority	Medium Priority	High Priority
Magnitude of GHG reductions (mitigation) or community resilience (adaptation)	Has little to no reduction of GHG emissions/has little improvement of community resilience	Has moderate reduction of GHG emissions/improvement of community resilience	Has large reduction of GHG emissions/improvement of community resilience
Level of influence	District of Saanich has low level of influence (e.g. advocacy to other levels of government, awareness campaigns for businesses and residents)	District of Saanich has medium level of influence (e.g. incentives)	District of Saanich has high level of influence (e.g. regulation, corporate action)
Cost effectiveness of GHG reductions (\$/ton)	High cost per tonne of GHG reduction	Medium cost per tonne of GHG reduction	Low cost per tonne of GHG reduction
Funding sources	Funding required but not identified	Funding required and likely to be secured	Funding available/secured
Implementation Cost	High/not yet funded	Medium/already partially funded	Low/already funded
Operating and Maintenance Cost	High/not yet funded	Medium/already partially funded	Low/already funded
Adaptation/Mitigation co-benefits	Imposes co-costs/tradeoffs on other adaptation or mitigation actions	Little or no impact on other adaptation or mitigation actions	Complements/ supports other adaptation and mitigation actions
Equity	Exacerbates inequity (e.g. incentives most available to higher income earners, worse health outcomes for low income residents)	Has very little impact on equity	Improves community equity (e.g. improving access to clean energy technology to lower income households)
Window of Opportunity/Timeliness	No window of opportunity (e.g. capacity/technology is not yet ready.)	Window of opportunity could exist.	Action now is preferable to taking action at a later date
Acceptability	Low levels of acceptability as demonstrated through public engagement	Medium levels of acceptability as demonstrated through public engagement	High levels of acceptability as demonstrated through public engagement
Benefits/Tradeoffs	Counterproductive for other strategic priorities	Little to no impact on other strategic priorities	Supports/enhances other strategic priorities.

Table 61 Stakeholder mitigation comments - evaluation framework

Evaluation Framework

Urgency is of the essence! Make changes sooner than 2050.

Timeliness is more urgent than suggested.

Agreed. 2050 means very little to most people in this room except for our grandchildren of 2 generations away.

F.2 Facilitated discussion notes

Table 62 Stakeholder mitigation comments - high approval areas

1. What are you most excited about within these actions?

Opportunity for co-benefits across the region
 lot of energy and focus and detailed thinking around these topics
 comprehension and richness in terms of topics
 great plan - need actions
 food systems being added is critical and valuable
 aligns closely with what CRD is doing on housing and transportation
 climate lens is being applied to everything we do
 incorporating health and wellness aspects to this
 consumption and waste - adding consumption into analysis
 we over consume, too wasteful
 vacationing locally
 support for active transportation
 would like to see more for transit
 encourage people to walk from their homes
 free buss pass for [?]
 more education on growing food (like you did during the war)
 use of vehicle data
 data on low users
 place [?] food security [?]
 ties to transportation and well being (reducing car ownership)
 make it pride and acceptability for growing food (e.g. bluds)
 VI 10 years ahead of Canada
 We can do a lot more
 really like not taking an ideological approach - common sense
 practical and viable solutions to challenging goals
 mobility issues - high interest - enthusiasm for some potential options such as with buses -
 Saanich put more pressure towards these things.
 some level of government foot dragging - impressed Saanich is not doing this
 Most are green dots around the room - down well to develop these actions
 supportive of labelling - need to monetize EE, but must be new and existing
 strategically locate gentle density on fringes of nodes (in node, MURBs, graduating to suited
 garden suite)
 better define "complete community" and set standards e.g. # bike racks, commercial sq.ft..for
 commercial/grocery, distance to grocery/amenities. Cut and paste Shelbourne Valley Action
 Plan
 Support public education courses through Camosun etc.
 use zoning tools to support density in very focused areas such as Uptown. Upzone whole
 area to get affordable housing and services.
 like focus on education, particularly on buildings side
 doesn't need to cost a lot of money, but show people how. Industry and public (focus for
 District should be on public)
 BC's energy grid being clean.
 Transportation topics - hot button issues - charging in apartment buildings. Busses - heavy
 vehicle electrification, right to charge policy for EVs
 Lighter living education - what can residents do?? Residents need info.

exciting ideas - more public trans. Options that are sustainable ie. Electric. Less travel and more Zoom meetings.

what options are now available? Promote existing good ideas

duplicate good examples across the community

use potluck dinners to educate

climate change is daunting - reduce decisions to community and household level that help

collection action empowers people

Much work has been done since fall session ; complements the BC Clean program; is very comprehensive.

Actions are v. comprehensive

sustainable mobility - lots of good stuff

increase local renewable energy and supports projects that students can participate' will decrease mental stress about their future.

food system action ideas were very good and exciting

introducing concept of equity - v. exciting

comprehensive plan

resources around active transportation are ambitious; community resource package so community associations can work with their residents.

Table 63 Stakeholder mitigation comments - low agreement areas

2. Which areas have less agreement and are there ways we can improve them?

make more direct/overt linkages to land use planning

biofuels - do we have the capacity or technology

ecosystems services piece in this workshop

should we look at carbon sequestration as part of reduction strategy

mapping integration in the carbon cycle

improving access to timely, robust data related to all actions

-transportation data

-existing building energy usage data

-partnering and working with neighboring municipalities (influence)

Focus on collaboration with other LGs and levels of governments

biodiesel may be doing harm

RNG??

don't create new waste

some heavy duty vehicles can be retrofitted to EV easily/cost effectively

bus lanes - in Saanich/view royal, need province to complete bus lanes to West Shore. Need to be in climate plan

e-bikes, e-bike trailers should be promoted

electric scooters, and small e-vehicles are important

allow scooters in bike lanes and make sidewalks wider

encourage smaller vehicles, scooters

why taking so long to test and transform buses?

hydrogen, biodiesel - whole new infrastructure. Not a good way to go? Hydrogen batteries

transportation - biodiesel - go for biggest bang for buck no use investing in hydrogen and biodiesel

how to get rid of all the plastic packaging

cold places - Evs not working well, need other alternatives.

Language of zero carbon problematic - hard to quantify. Make sure it's easy - don't add cost to permitting. Life cycle/embodied vs. operating.

sustainability checklist > less paperwork needed > need to show value out of this if we continue it (talk to [stakeholder] as we develop it)

through noise bylaw set standards for heat pumps (don't worry about screening, etc.)

Biodiesel options are fossil fuel dependent. Forts "renewable natural gas" is this good energy?

Natural gas is dirty fossil fuel - fugitive emissions, fracking damage, environmental damage. Should convert from natural gas to heat pump.

What is electrical bill going to look like with electric vehicles?

electricity costs go up but vehicle costs go down. Add solar panels to roof to charge car

areas where Saanich makes action - lack of ambitious - "Consider" and "explore" not very ambitious. Could be more action oriented. Lack of urgency with regards to timelines and targets; if you have authority to do something then Saanich should do it.

Lots of resources are going to be needed to make everything happen.

Goals need to be achieved before 2050

amazing ideas lack performance measures or date related resources will be needed to help Saanich build plan.

Look at comprehensive regional baseline, specifically for Saanich (from Province or other source) and let public e.g. ICBC know what is being done to reduce GHG.

Car infrastructure is still going to be supported so need to more resources from car infrastructure to more active transportation goals, walkable, more dense, communities.

"green" lifestyle and supportive environments - green streets - needed; perhaps something that is good but won't reduce GHGs may not be supported.

Table 64 Stakeholder mitigation comments - adequacy of actions

3. Do the actions seem in line with the level of action needed to achieve our goals? If not, what more needs to happen?

Need more support from the Feds and province to enable action

needs some information addressing cost fears and budget

education around cost and risks of inaction

communications and engagement strategy for launch - positive framing (climate outreach is a good firm for this)

plan needs to be dynamic, living document

what needs to happen? Continue the conversation

retrofits need to happen and people have no idea what to do - huge affordability gaps

energy audits should be free (scale it up to meet targets) e.g. with BC Hydro warranty)

facilitate by neighbourhood, as bulk discount

ASHP a key, doing them right, sound attenuation. Consider making them required - (sound proofing)

wonder how many people will it take to achieve each action?

need big companies on board - where we consume

need to make "end of life" prohibitive in products

yes - all nods/yes

big actions - retrofitting houses - affordability concerns?

concern re friction with building/construction industry

glad to see affordability factored in - address for different income brackets

e-bikes, scooters - consider in retrofits

electric scooter - Spain now everywhere

could strengthen language ("encourage") > more active > could tier the actions by direct reductions vs. studies etc. that set foundation for future work

Need to ID lowest hanging fruit that can be ramped up, not 2% of building stock/year, what does 3% look like? 4%?

what will it cost to ramp up bike infrastructure?

Food security - reduce animal protein, more community gardens

wood waste - community wood bins, repurpose, remanufacture wood pieces

use public spaces/churches for food production

backyard fruit/vegetable picking i.e. Lifecycles fruit tree project

community food kitchens - need more

encourage use of yards as gardens

encourage rooftop gardens, water collection

How will Saanich staff alone complete all these actions? Need fed/Prov support. Need other municipalities' support.

What will replace lost gas tax for munis budgets?

Fed. Gov't must reduce tax incentives and subsidies and bonuses to fossil fuel industry.

Make electric technology more user friendly (e.g. no cable plugins)

Reduce or eliminate bus fares for seniors and youth and provided that transit is electric.

Replace diesel buses with electric buses.

Missing air travel - encourage more Zoom conferences, reduce flights

Be a tourist in Saanich - better food service in rec centres to combine exercise and eating

special resort style rec centre with good food and exercise programs

more "glamping" glamorous camping

reduced rates for local residents

more compact communities - district energy technology, centralized rec center.

GHGs reduced means increased lifestyle and health, better community

assuming the actions support the model

public education - don't have time to waste so need more regulations. E.g. allow local produce to be sold in residential areas (change zoning), shorter cycle between production and consumption.

transportation "wedge" on model may not be as steep - will be make "Round"

share the pain and all get the gain.

implement - shorter window of time line - bring targets closer to today - move faster - tie them to a risk.

Table 65 Stakeholder mitigation comments - relevance

4. Will these actions support your organization or the people/interests you represent in achieving these targets? Explain

CRD - yes

Province - yes

local empowerment and education - yes

more demonstration farms at golf courses and sustainable community

need more directed at workplaces and how we make a living

need to rethink principles of economic growth

is there enough funding and targets - bus shelter numbers, ATP is resourced well enough?

how to measure and monitor community well-being - popularize and publicise this metric

Haliburton farm will be served well but not sure outside the farm. Promote more food security broadly.

not necessarily

more for community aims

Yes

EV support

BCSEA happy

touching on all the hot items

sustainable energy generation close to home - build more resilience in the system re. long transmission lines

big snow - loss of transmission towers - big impacts

fires

site C not a good solution (full agreement)

residential over commercial - row houses

profit margins in buildings as a commodity looking to increase profits, reduce affordability

densification needs to achieve the goals - dense like apartments.

solar panels on house to help EV vehicles

solar decreases hydro costs, \$ saved to additional measures

solar getting better, cheaper

could be more aggressive in bringing in/supporting Evx

high level of green dots - agree around the room

few reds - just refining a few things like biodiesel trucks

changes in Shelbourne corridor will really help

convince vehicle manufacturers to make it easier to replace the batteries

companies in other places starting with this

idea about swapping batteries to use bigger ones when needed

Victoria EV club - offer to come in an share with Sustainability Section ideas, strategies

contact info on eval sheet.

density/housing for renters with access to transit (Camosun)

bike infrastructure ratios - what is idea bike/parking ration?

TDM practices for major institutions; supporting bike lanes; linkages

Homebuilding - measured and predictable 2-5 year time horizon needed; long and slow.

How do we increase/ramp up transit service? Can we invest in better service, use taxation?

work with BC Transit to locate bus yard in Saanich (maybe in exchange for better service?)

e.g. Farmlands trust.

Public transit is most important (for church)

Need ideas on how to better use church land

Would like charging stations

This is all great but we need resources to assist and speak to members; FAQs, fact sheets.

Only if the munis do this work will the province's goals be met.

Community associations can do some work but perhaps a new neighbourhood climate action group can do more and will be supported by munis.

Help support - e.g. Shelbourne Valley Action Plan is reasonably good, but 12 years it started, bus Saanich has to move faster, loses momentum and excitement over time.

a costing out decision making processes exercise would be interesting/beneficial. Cost benefit on previous process (e.g. LAPs)

mitigation is trickier than adaptation - what options are available other than de-incentivizing farmers/agriculture.

Open data sources are required

community associations can be a great resource; CAP resources would happen faster; process providing options for neighbours to meet neighbours.

Lack of ambition, actions should be more on the scale of regional growth not just Saanich. We can be more than just average. Saanich should play a larger part in region - let's do growth more - be the leader e.g. densification

more complementary zoning so transportation zoning is more seamless between muni boundaries.

Policy - too much emphasis on financial incentives (tax breaks) .e.g. for heat pumps and E cars. Not everyone has access to these incentives. E.g. not tax breaks - increase taxes for residents that have oil furnaces. Bylaw action vs. incentive action.

What worked to decrease smoking and use these strategies

F. 3 Evaluation form results

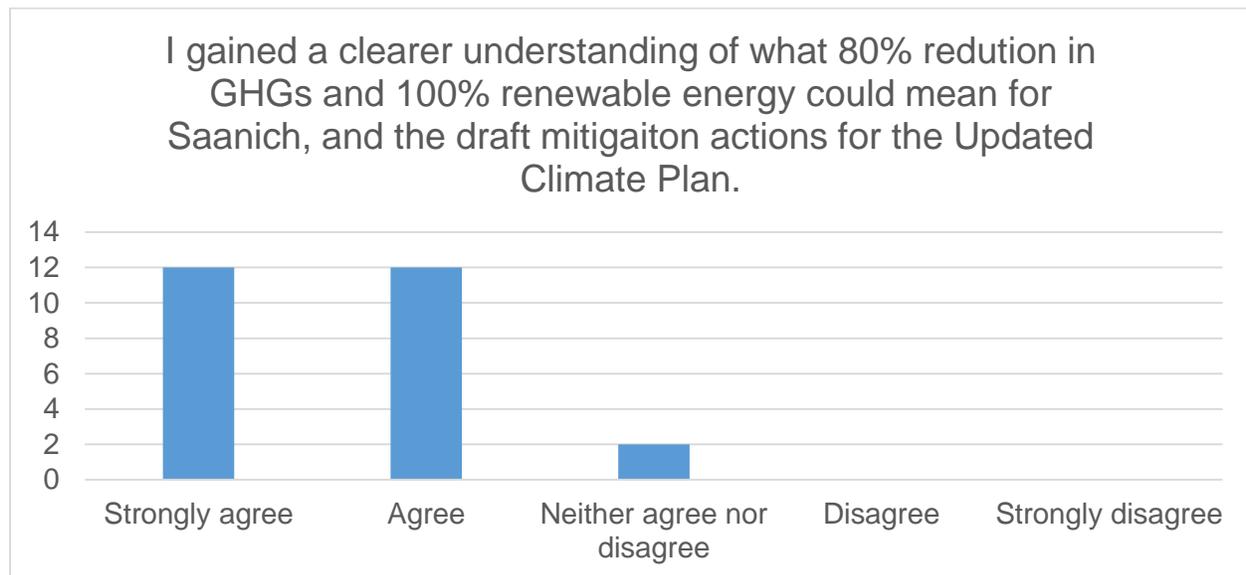


Figure 31 Stakeholder mitigation workshop evaluation - inform level

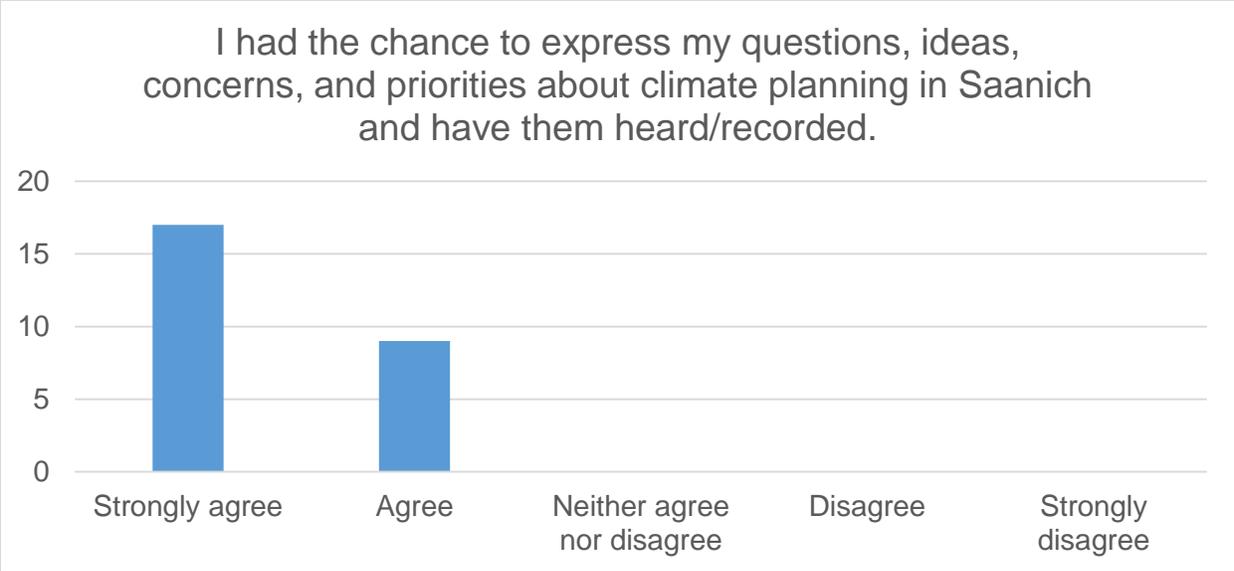


Figure 32 Stakeholder mitigation workshop evaluation - consult level

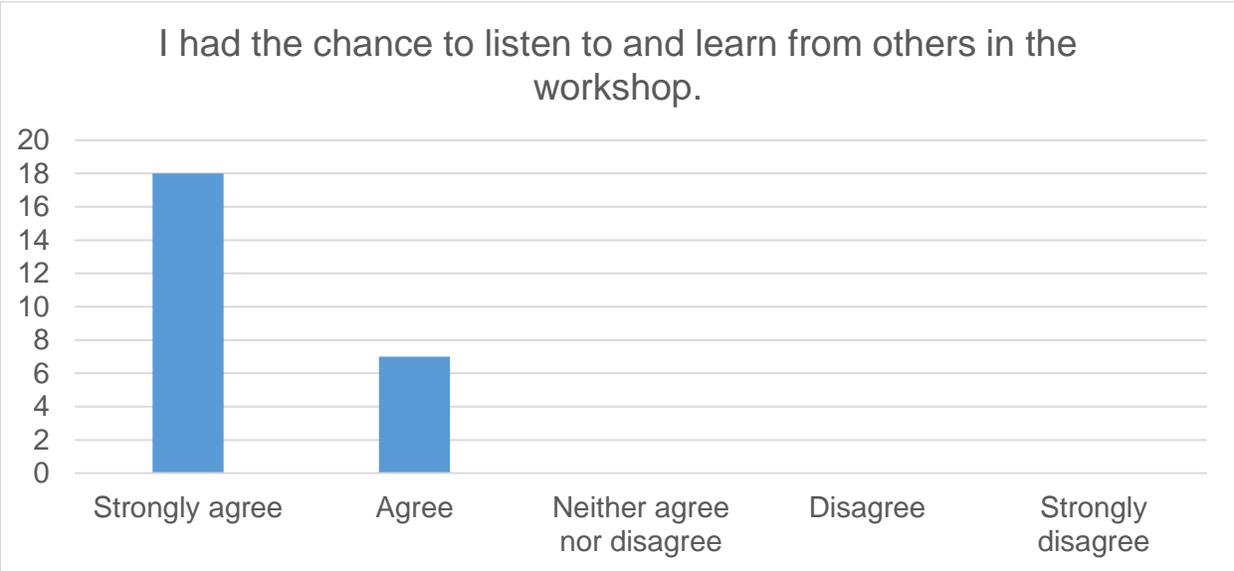


Figure 33 Stakeholder mitigation workshop evaluation - collaborate level

Table 66 Stakeholder mitigation workshop evaluation comments

Any other comments or suggestions?
A lot to digest/comment/read.... Might be useful to provide info before. Thank you.
Another informative and engaging workshop thanks for the opporunity to participate.
Considering real world climate change rates, we need to move fast(er).
Continue to offer these kinds of workshops. Inceaes support to "community spread" - > need to have as many residents and businesses etc. involved in the action.
Could have done more listening na dlearning if actions were distributed in advance. Send actions out in advance, it was a lot ot digest. Action idea - want to make sure this is captured - key priority should be complete/compact communities, making sure

<p>people have walk/cycle/transit opportunities (i.e. don't get sucked into just focusing on EV transformation alone). Really need overarching engagement/education campaign focused on lighter living. Build from One Planet Saanich. This is alot of actions, we need to lobby senior levels of gov't to shift fossil fuel and road subsidies to enable cities/local governments to implement these actions - all of them!! What can we do to get the school boards on board?!</p>
<p>Data (CEEI) etc. governance wise vis data suppliers/creators/recorders. Equity (lens) - intergenerational (e.g. affordability), gender based, etc. road user types). Progressive approach to demand-side mgt (vs. supply side) incentives - free-ridership.</p>
<p>Evs solar charged batteries, Evs, etc. are proven technology - force it by limiting gas/diesel powered vehicles production, it is "later than you think" as we have gone beyond the tipping point.</p>
<p>Good workshop format and facilitation!</p>
<p>Great workshp!!! Thanks.</p>
<p>I'm associated with the "Victoria Electric Vehicle Club" and we've been doing a lot of work on assisting municipalities with "right to charge" bylaws and charging infrastructure to encourage greater adoption of electric cars. We'd love ot meet with you to offer some ideas that could speed up your progress on these issues. Jim Henshaw. Jhenshaw@shaw.ca 250-477-2724.</p>
<p>Impressed with the scope of ideas and range of subject areas. Perhaps an aggressive citizen engagement to mobilize projects. Well facilitated and timed. Good range of expertise in the room. I liked the design of the workshop. I'm still deeply troubled by the 2050 timeline. We are facing a 10 year timeline not a 30 year horizon. Get aggressive about accelerating action!</p>
<p>Interesting ideas shared. Felt some energy and optimism about possibile activities. Well facilitated - comprehensive overview.</p>
<p>Keep it up!!! Great!!!</p>
<p>Much sooner htan 2050/2030 preferred. Paying for RE must come from a higher carbon tax and better ICBC rates for Evs and for bicycles. Better payment ideas form communities can mean better mitigation effects/benefits for all. How did the cigarette usage issue become lower by society and could we use legislation (carbon tax) to reduce fossil fuel consumption?</p>
<p>Thanks for inviting me!</p>
<p>Thanks. The discussion was very stimulating.</p>
<p>The discussion around the low level of ambition and lack of urgency in the planning process may not have come thorough forcefully enough. We need to get moving!</p>
<p>This was awesome and really well organized and facilitate.</p>
<p>Well done. Some more clarity on what actions most important (in % reduction might be good).</p>
<p>Worthwhile exercise. All the green stickers indicate how much consensus there is. Even in the areas of disagreeemnt, it is more a matter of focus (e.g. electric yes, hydrogen probably not, biofuesl definitely not.)</p>

APPENDIX G: STAKEHOLDER ADAPTATION WORKSHOP FEEDBACK

G.1 Large format poster dots and comments

Figure 34 Stakeholder adaptation dot exercise - processes

GREEN = GREAT YELLOW = CAUTION/CHANGE RED = DANGER/STOP		
Dots	Draft Actions	Notes
OVERARCHING/GOVERNANCE		
GOAL 1: INTEGRATE CLIMATE RESILIENCE INTO SAANICH PROCESSES AND DECISION-MAKING		
	<p>Municipal Actions:</p> <ol style="list-style-type: none"> 1. Develop a climate lens that can be used to evaluate and direct capital investment, policy, and operational decisions 2. Continue to embed climate change into strategic Saanich documents and update as new science and policy direction becomes available (financial plan, strategic plan, OCP, etc.) 3. Support ongoing training and capacity building for staff on issues and topics related to adaptation and resilience <p>Influencing Others:</p> <p>Continue To:</p>	

Table 67 Stakeholder adaptation comments - Saanich processes

Integrate Climate Resilience into Saanich processes and decision making
Transportation policy?
Bylaws to remove those that discourage innovation
Introduce wildlife management to control deer and other animals that eat garden plants
Create a "culture of sustainability"
Close the gap where special interest groups/developers influence council who then disregard the work of staff and community

Figure 35 Stakeholder adaptation dot exercise - infrastructure

Dots	Draft Actions	Notes
BUILT ENVIRONMENT		
GOAL 2: INCREASE THE RESILIENCE OF SAANICH'S INFRASTRUCTURE AND ASSETS		
ASSET MANAGEMENT		
Municipal Actions:		
<ul style="list-style-type: none"> 1. Develop and implement an asset management system that supports climate change considerations in the design, renewal, maintenance and replacement of municipal assets. Such a system would: <ul style="list-style-type: none"> i. Undertake condition and capacity assessments of existing infrastructure (e.g. bridges, pump stations, culverts, retaining walls, etc.), to understand performance under future climate conditions and plan accordingly; ii. Phase the integration of natural assets into the District's asset management system; to account for the value and services provided by natural systems iii. Determine data gaps and increase monitoring and data collection accordingly (e.g. flow monitoring, CCTV through pipes, general surveying, etc.) 2. Review and update Schedule H (engineering design specifications for development) and other infrastructure design specifications/criteria (e.g. IDF curves) to account for future climate projections, and ensure regular reviews to account for evolving climate science 3. Establish climate change guidance (tools, resources and recommended approaches) for infrastructure capital planning and procurement processes 4. Implement the Strategic Facilities Master Plan to ensure municipal buildings are resilient to future climate (e.g. sufficient cooling, air filtration, minimized load requirements, etc.) and experience minimal service disruption in the case of emergencies or extreme weather events. 	<p>See more asset related actions under Goal 7</p>	<p>SAANICH DOESN'T HAVE ONE!</p> <p>What about... Phase it? Just do it!</p> <p>What about... Phase it? Just do it!</p>
Influencing Others:		
Continue To:		
WATER RESOURCE MANAGEMENT		
Municipal Actions:		
<ul style="list-style-type: none"> 1. Complete a stormwater master plan that integrates climate projections and leverages natural assets 2. Assess feasibility of developing a drainage utility and rate structure that incentivizes stormwater management and green infrastructure on private property 3. Identify and implement solutions to mitigate sewage and stormwater overflows 4. Work with the Province to develop an approach for phasing out the use of oil tanks by 2030 5. Investigate opportunities to increase grey water reuse and rainwater storage at municipal facilities 6. Introduce new incentives and requirements to reduce water use, such as two-step water pricing and annual watering restrictions from May to October 	<p>See more water related actions under Goals 4 and 7</p>	<p>Encourage disconnected downspouts</p> <p>Water pricing as a result of this... Development surrounding area... Definitely from a... cost of maintaining... water quality</p> <p>What about... Phase it? Just do it!</p> <p>What about... Phase it? Just do it!</p>
Influencing Others:		
<ul style="list-style-type: none"> 7. Encourage natural, on-site stormwater management (i.e. raingardens) for new and existing development 	<p>See more water related actions under Goals 4 and 7</p>	<p>What about... Phase it? Just do it!</p> <p>What about... Phase it? Just do it!</p>

Table 68 Stakeholder adaptation comments - infrastructure

Infrastructure and Assets

- Clear direction on watershed management plans. Looking at all the assets in the system. Public and private.
- Don't phase it, just do it!
- What about minimizing use of cement and asphalt?
- Ensure [private on-site storm water management] not removed by future owners.
- Encourage disconnected downspouts
- Ensure rate payers are in control of their storm water runoff development surrounding areas have direct impact.

Definitely! [Mitigate sewage and storm water overflows] from a flooding, sea level rise, and increased water quality.

Figure 36 Stakeholder adaptation dot exercise - future-proof

BUILT ENVIRONMENT

GOAL 3: ESTABLISH LAND USE POLICIES THAT REDUCE EXPOSURE TO SEA LEVEL RISE AND OTHER IMPACTS

<p><i>Work with the most realistic of 4 to a SLR. Beaches are in direct threat of loss & are eroding away. Important for bird spawning spaces, wildlife & people.</i></p> <p>Municipal Actions:</p> <ol style="list-style-type: none"> 1. Work with regional partners to undertake sea level rise mapping that meets Provincial methodologies and guidelines 2. Update flood hazard development permit area, including mapping 3. Develop and implement land use and development policies to address sea level rise in coastal areas 4. Develop a policy for small lot subdivision that balances considerations for permeability, sensitive ecosystems, canopy retention, affordability, and appropriate density given access to amenities, and consider the development of design guidelines to support infill objectives <p>Influencing Others:</p> <p><i>Implementing of SLR with community associations & Landcorp</i></p> <p>Continue To:</p> <ol style="list-style-type: none"> 5. Continue to maintain and enforce the urban containment boundary and focus density in Villages and Centres, while minimizing current or future climate hazards through permitted land uses 	<p><i>— greenhouses principles?</i></p> <p>UNCLEAR</p> <p><i>Develop/renewing Villages land strategy</i></p>
<p>GOAL 4: TRANSITION TOWARDS A FUTURE-PROOFED AND CLIMATE-RESILIENT BUILDING STOCK</p> <p>Municipal Actions:</p> <ol style="list-style-type: none"> 1. Update the Sustainability Statement (Checklist) to include adaptation considerations for new construction 2. Create a bylaw to allow for the use of grey water irrigation if it meets the provisions of the BC Building Code, and provide more information to developers and homeowners on this option such as potential greywater recovery systems 3. Develop a green roof policy for buildings over a certain size 4. Develop resources and guidelines for new and existing buildings on using passive solar techniques (c.g. landscaping, window awnings, etc.) to reduce reliance to mechanical cooling 5. Develop and implement programs that support the installation of efficiency measures and residential heat pumps to provide air filtration and keep homes cool in hot weather and poor air quality events 6. Identify and implement strategies to further preserve and enhance permeability and stormwater management through development, for example by: <ol style="list-style-type: none"> i. Requiring rainwater collection systems (e.g. rainbarrels or cisterns) be installed in new development; ii. Adopting a minimum permeable surface requirement in the zoning bylaw and/or through design guidelines; and/or iii. Reviewing permeability definitions, and ensuring hardscape permeable pavers are achieving their intent 7. Undertake a review of the Interface Fire Hazard Risk Assessment every 10 years or as warranted by significant changes to drought conditions or ecosystem profiles 8. Update the Interface Fire Hazard Development Permit area as needed <p>Influencing Others:</p> <ol style="list-style-type: none"> 9. Work with the Province on incorporating adaptation (e.g. higher cooling demand, air filtration, wind loads, etc.) into next building code update 10. Seek opportunities to increase seismic resilience alongside climate adaptation and/or energy efficiency improvements when capital investments are being made to public or private buildings <p><i>See more actions related to household and building preparedness under Goals 9 and 10</i></p>	<p><i>all the right of doing it... water & water — see Product table in house — try... work with regional partners (building/energy/transport) — discuss by education (building/energy/transport) (approach to water) (water) (water)</i></p> <p><i>be model of the "Sustainable" Open Resilience (approach to water) (water) (water)</i></p> <p><i>What do we need the water for? — Do we need access to more? and how? — talk to CRD, water board, might change (6+2)</i></p> <p><i>Developing the training programme for CRD</i></p> <p>UNCLEAR</p>

Table 69 Stakeholder adaptation comments - sea level rise

Sea Level Rise
Work with a more realistic estimate of 40 m SLR
Beaches are in direct threat of loss and are eroding away every storm. Important for beach spawning species and wildlife and people.
Greenshores principles?
Influencing others - work with community associations and developers.
[UCB action is] unclear.
Develop/identify villages and centres in Saanich
All new buildings of any size should provide their own water and waste - see Bullitt Building in Seattle.
share with regional partners (e.g. Camosun building/engineering program)
Be mindful of the sewage system regulations (greywater is considered sewage)
What do we need the water for? Do we need access to more? Talk to the CRD, water demand management planning (6% = 2)
Make it affordable for young homeowners
Partnerships for training programs or showcase.
[Resilience considerations in capital improvements to public or private buildings] is unclear.

Figure 37 Stakeholder adaptation dot exercise - energy supply

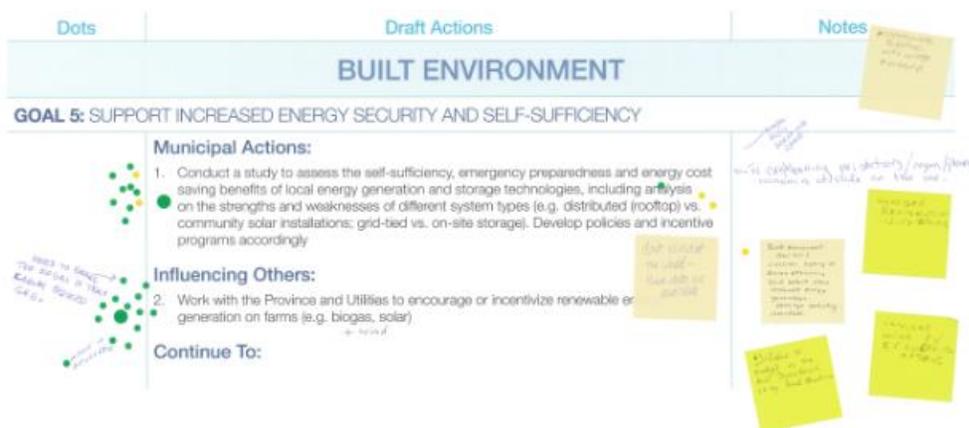


Table 70 Stakeholder adaptation comments - energy supply

Energy Security and Self-sufficiency
Need to ensure the biogas is truly causing reduced GHGS.
Make it affordable
Add wind
Opportunities to partner with college and university?
maybe this [study assessing local energy generation and storage technologies and policies and incentives] is broken into two parts
Don't reinvent the wheel - these data are available.

Work with neighbouring jurisdictions/region/province economies of scale on this one
 Built environment goal - consider looking at energy efficiency first before clean renewable energy generation. Leverage existing incentives.

Consider residential wind options

Refer to analysis in the book "drawdown" ed by Paul Hawkins.

consider solar PV EV charging options.

Figure 38 Stakeholder adaptation dot exercise - natural systems

GOAL 6: ENABLE NATURAL SYSTEMS TO THRIVE AND ADAPT

Municipal Actions:

1. Develop and implement a Biodiversity Conservation Strategy to support the health of ecosystems and species, including adaptation
2. Identify and prioritize natural areas and wetlands to retain, obtain and enhance as part of the Biodiversity Conservation Strategy, with considerations for rarity/endangered status, size, and connectivity of sites
3. Utilize citizen science and other strategies to develop baseline conditions and improve monitoring of species and ecosystem health over time
4. Develop incentives and public education strategies for the use of Green Shore principles to protect the shoreline from erosion and sea level rise while enhancing natural shoreline processes in appropriate locations
5. Establish an aggressive tree planting and protection program with annual tree planting targets, and aligned with tree canopy objectives for Saanich
6. Develop metrics and incentives to support maintaining and restoring natural areas on private land

Influencing Others:

7. Provide more resources for developers and the public with information on climate-resilient plant species, and strategies to support thriving native ecosystems
8. Work with nurseries and waste management to prevent the planting and spread of invasive plants

Continue To:

9. Continue to provide and enhance education and programming that supports residents in maintaining habitat-rich landscaping on private property, with a greater emphasis on school/ education programs for kids
10. Continue to run active programs that engage residents in removing invasive species on public and private lands

Handwritten notes:

- or connectivity considering all kinds of green & private land & large landscaping
- sea - in the context of 40m sea level rise!
- not specific need to see ecosystems first, must protect all natural areas & wetlands using a variety of tools, not consider impact on private lands - but do want incentives to encourage
- regulation as well
- What type of resources? What for?
- Education - how to maintain? - incentives?
- more info on how to maintain? - incentives?
- removal of invasive species with school/ district for education & maintenance

GOAL 7: PROTECT AND MANAGE NATURAL ASSETS AS CRITICAL INFRASTRUCTURE

Municipal Actions:

1. Complete an ecosystem valuation study to understand and guide investment in the services provided by our natural assets, including through greater protection of existing natural areas
2. Employ best practices to integrate natural assets into Saanich's asset management plan and management system
3. Explore different land acquisition models to support delivery of key goals and services required for adaptation (e.g. drainage, flooding, biodiversity)
4. Develop and maintain a comprehensive urban forest inventory to better track metrics such as tree and understory health and mortality rates, species diversity, and maintenance requirements
5. Update the Tree Protection Bylaw to provide protection for non-native tree species and review minimum caliper size
6. Increase the use of natural stormwater management practices in Saanich, such as bioswales and rain gardens, and establish maintenance standards and resources to optimize their performance
7. Explore and prioritize opportunities to daylight more creeks, with consideration for how changes may affect hydrology and flood risk

Influencing Others:

Continue To:

8. Continue to preserve, steward, enhance and monitor our water resources to ensure they are healthy for humans and biodiversity, and that they remain in sufficient supply

Handwritten notes on the page include:
 - "Beaches - which are important, what is at risk"
 - "Need enforcement"
 - "Subsidize homeowner/renter rainwater collection systems"
 - "ISRP"
 - "Focus on new residents, renters, co-ops?"
 - "Kid and Saanich staff - those who direct should set example."
 - "rain gardens at schools"
 - "Partner with schools/district for park stewardship education"
 - "Need enforcement."
 - "subsidize homeowner/renter rainwater collection system"
 - "How to enforce retention of storm water management so homeowner doesn't remove it."
 - "Acquire and enhance the water licenses on creeks - especially on head waters"

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Table 71 Stakeholder adaptation comments - natural systems

Natural Systems and Natural Assets
Connectivity - cooperation with all levels of government and private land. Large landscapes
Need to ID ecosystems first.
Must protect all natural areas and wet lands. Using a variety of tools
Must consider impact on private lands - how to make them whole if impacted.
Regulation as well [as metrics and incentives on private land].
Biodiversity and local food security go hand in hand - synergistic!
Incorporate municipal natural assets initiative (MNAI)
Beaches - which are important, what is at risk
What types of resources?
focus also on new residents, renters, co-ops?
Kid and Saanich staff - those who direct should set example.
rain gardens at schools
Partner with schools/district for park stewardship education
Need enforcement.
subsidize homeowner/renter rainwater collection system
How to enforce retention of storm water management so homeowner doesn't remove it.
Acquire and enhance the water licenses on creeks - especially on head waters

Figure 39 Stakeholder adaptation dot exercise - food system

GOAL 8: IMPROVE THE RESILIENCY AND SELF-SUFFICIENCY OF THE LOCAL FOOD SYSTEM

Municipal Actions:

1. Participate in the development of an Agricultural Adaptation Strategy for Vancouver Island (via BC Agriculture and Food Climate Action Initiative)
2. Support implementation projects identified by food sector partners, such as the development of a "climate audit" program to help farmers plan for and adapt to climate impacts and reduce their on-farm carbon emissions
3. Improve food self-sufficiency and support local growers through the implementation and monitoring of the Saanich Agriculture & Food Security Plan
4. Increase the number of community gardens on public land in Saanich
5. Incorporate more edible landscaping (e.g. fruit trees, edible plants) into the urban forest and landscaping on public lands
6. Explore potential partnerships to host bee hives and pollinator gardens in Saanich parks
7. Influencing Others:
8. Encourage the Province and the CRD to tie water licenses and subsidies to water-wise agricultural practices (e.g. use of drip irrigation, on-site reservoirs, etc.)
9. Encourage the province to monitor food prices, and consider employing strategies to keep healthy local food affordable, particularly for vulnerable populations

Influencing Others:

Continue To:

10. Continue to maintain the urban containment boundary, support the agricultural land reserve, and implement the Saanich Agriculture and Food Security Plan actions to uphold the agricultural integrity of farmland

See more actions related to household food security and self-sufficiency under Goals 9

Table 72 Stakeholder adaptation comments - food systems

Food Systems
Limit house sized to provide individual properties room for own gardens
Golf courses to agricultural production
Strengthen, increase vigilance
Ensure [food from urban forest] gets harvested and not wasted
Permit residential food produce stands to encourage gardening and community
cull deer
include [community gardens] in schools (elementary and secondary)
improve communication with Saanich
Sterilize deer
Incentives to private landowners who mine rainwater
consider partnerships with post-secondary?
offer more backyard gardening workshop
consider allowing fruit and nut trees in parks
a coordinated approach among CRFAIR and BCAFCAA and Saanich's A&F security P and CRD's Overarching efforts, supported by PCIC.
Align "farmland trust" (acquisition/lessee of CRD land) with food security target e.g. CRFAIRS Target for 25% food security by 2025.

Figure 40 Stakeholder adaptation dot exercise - empower residents

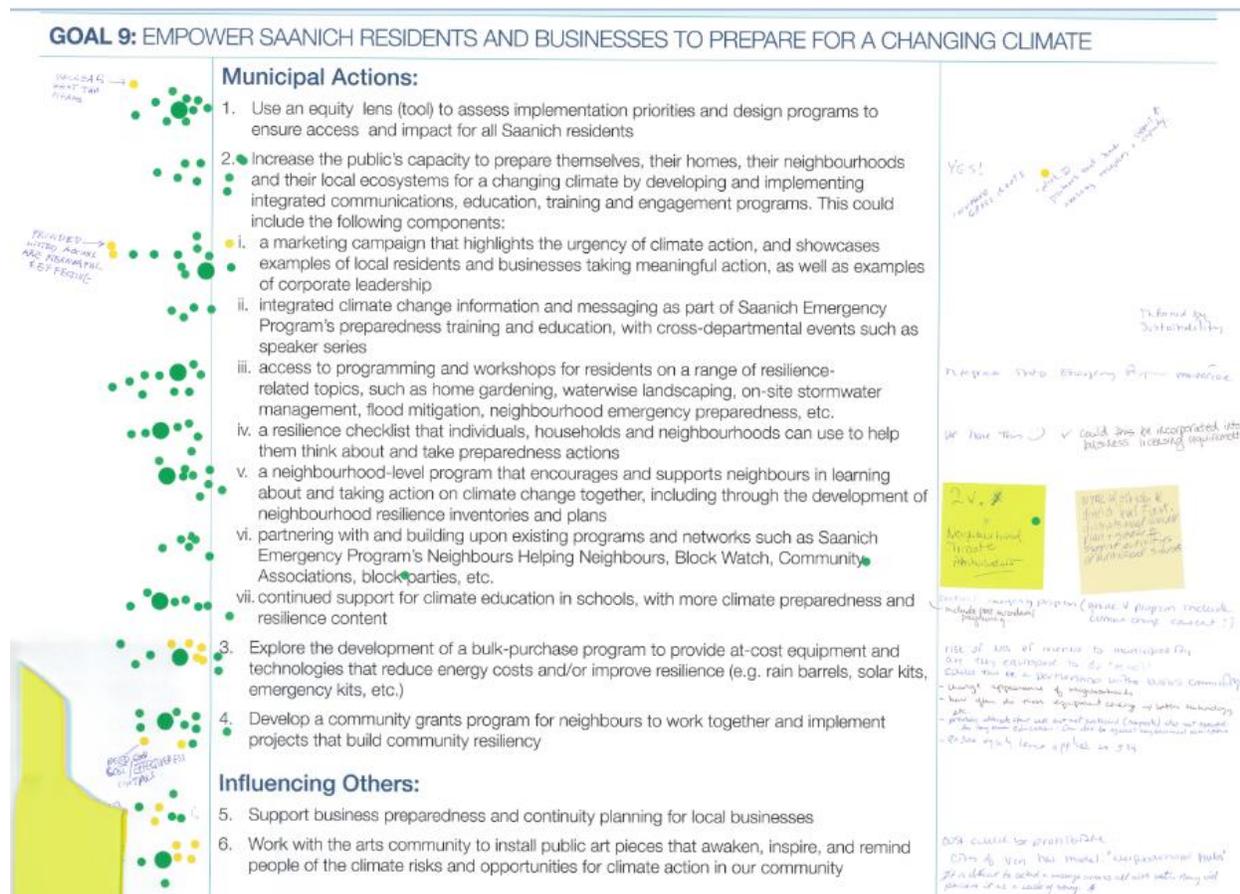


Table 73 Stakeholder adaptation comments - empower residents

Empower residents and businesses
unclear what this [equity lens] means
Provided listed actions are meaningful and effective
Need good cost/effectiveness controls
yes! [to increasing public's capacity to prepare themselves]
Informed by sustainability
integrate into emergency program materials
could this be incorporated into business licensing requirements?
Neighbourhood climate ambassadors
work with schools and district level first. Districts need overall plan and goals to support activities at individual schools.
Partner emergency program (grade 4 program include climate change content?)
include post secondary programming
risk of loss of revenue to municipality. Are they equipped to do "retail"? Could this be a partnership with business community?
change appearance of neighbourhoods
How often do these equipment change with better technology?

Previous attempts start well but not sustained (composts) also not executed. For long term education - can also be against neighbourhood restrictions.

ensure equity lens applies to 3&4 [bulk buys and community grants program)

cost could be prohibitive

city of Vancouver has model. "neighbourhood hubs"

It is difficult to extend a message across all with art. Many will perceive it as a waste of money.

Figure 41 Stakeholder adaptation dot exercise - emergency and health

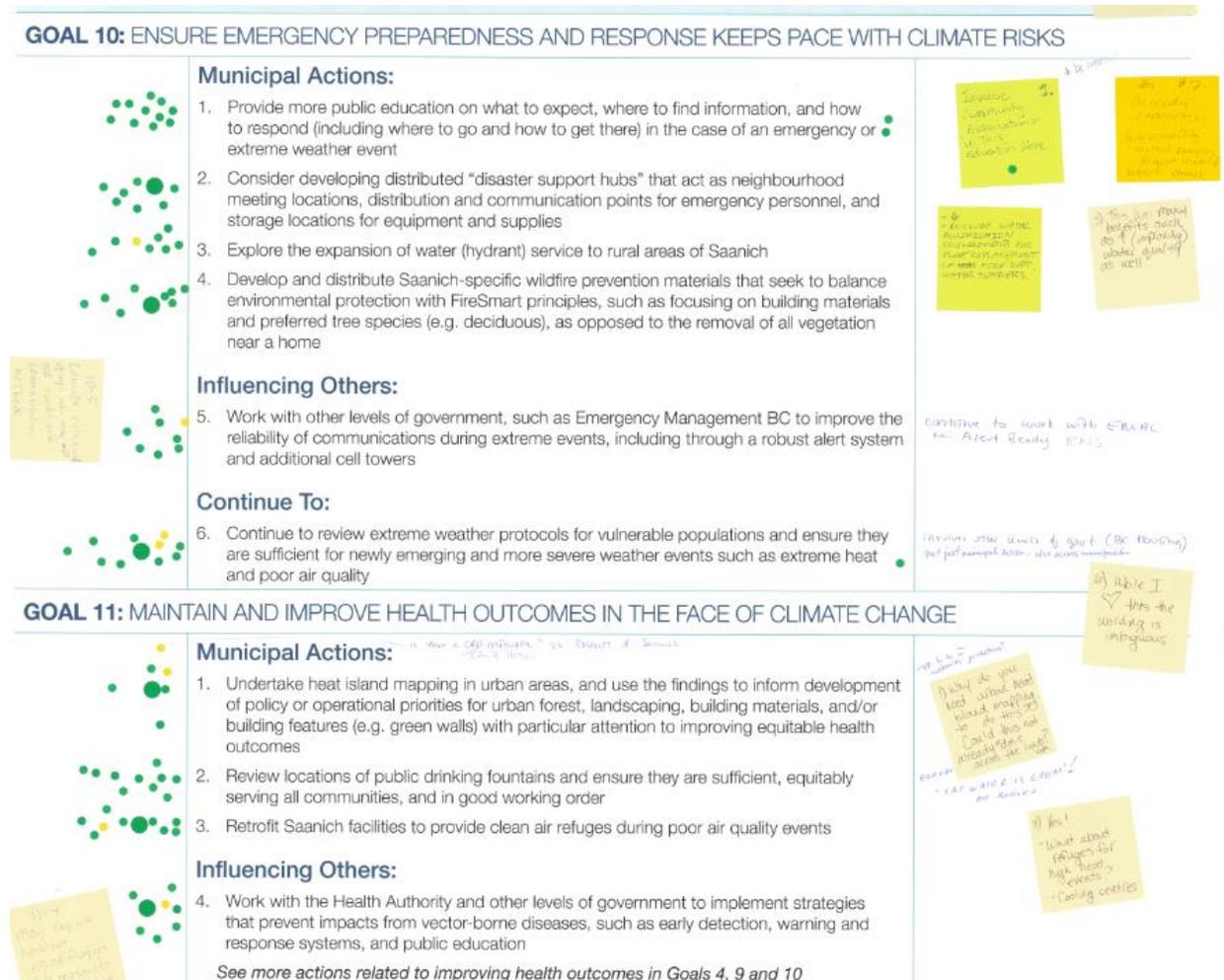


Table 74 Stakeholder adaptation comments - emergency and health

Emergency preparedness and health

Consider vulnerable groups who may not use traditional communications methods. may require habitat modification to decrease mosquito and tick breeding. work with service providers (e.g. long term care facilities) to facilitate providing of cooling/clean air. In event of extreme heat/smoke. use post secondary multimedia contest? Videos? be creative

involve community associations in this education piece
already happening - sustainability review emergency program materials and suggest changes
Include water purification requirements for fleet replacement of fire dept. water tenders.
This has many benefits such as improving water quality as well.

G.2 Facilitated discussion notes

Table 75 Stakeholder Adaptation comments - most encouraging actions

What actions are you most encouraged by or excited about? Which actions have the greatest potential or address the greatest need?

actions that have strong economic return (general comment)
assisted migration
being on cutting edge, leadership
benefits for future generation leadership
brings more players to the table that don't see themselves in mitigation
citizen science - in collaboration with government - build better structures for success
climate change focus increasingly for Island Health
collaboration
collaborative process
community capacity is a need for emergency preparation
concern with people removing green infrastructure after development is installed. Inventory to track, education, enforcement.
connectivity
conversation has shifted, people are interested, concerned, engage
discussions are happening, collaboration
do things that are more drastic e.g. a food forest on the Golf Course.
education and people understanding
embed actions into OCPs and provides future planning
encouraged by collaboration between different levels of government and stakeholders
ensure balance between hard and green infrastructure. Before investing in grey, do assessment to see how much capacity can be met with green.
expanding collaboration in all spheres.
farmer's market program
farm-to-school programs
forests won't move fast enough on their own
government needs to have open door and let go
grassroots organization and action and youth
growing public outreach to inform and activate public involvement
how does climate change affect natural ecosystems - e.g. a north shift of ranges
Increasing permeability on residential properties (local government encourage for that)
individual impact - for all - reach and engage.
industry is leading in some areas e.g. EVs
innovation from business
innovation, people working together
integrating youth (YIP)
just do it!
kids working with parks, farmers
link kids to opportunities with future (engineering, entrepreneurship, agriculture.0

local power supply to improve power resilience
mainstreaming into decision-making process
more action, engagement between all levels and making community.
more conversations about food security
more rain gardens and support from local government
natural capital assessments, value of ecosystems, green infrastructure.
need storm water management plans/policies
new Canada Food guide - healthier eating, growing own food
new ways of building have potential to be adaptive (insulation or keep cool)
novel ecosystems
older adults teens/youth vulnerable
opportunity for government leadership and coordination
opportunity to improve on existing buildings
opportunity to push forward with change
optimistic about ways local governments are working towards climate action and preservation of drinking water and development of our watershed management and quality . Quantity is extremely increased.
park and ride at uptown
planning opportunities for supporting drinking water.
policy directions have changed to incorporate adaptation
political appetite is there!
pulling together youth
resilience within local neighbourhoods
Saanich Community Association Network - displays on growing your own food, yard, front or back, motivator. Community workshops/backyard garden workshops support from Saanich. Needs to start in the neighbourhoods. Need to involve schools as well - often need parent involvement.
school - part of curriculum/active role (cool it)
support for greywater reuse - want extended to residential use for water gardens (encourage for new builds)
support for phasing out the use of oil tanks
support for procurement measures and requirements around low carbon systems
there are decisions that can be made at all levels, everyone can be a part.
trends to renewable resources, education with schools, [?] business shifting.
urban canopy - maintain this to keep temperatures down and decrease heat related illness.
valuing benefits, holistic view of costs and benefits
water conservation and reuse
we're finally talking about this in venues other than this workshop
what's the bigger picture from an ecol. View

Table 76 Stakeholder adaptation comments - disagreements/concerns

What actions are most concerning or may pose the greatest challenges to implement? Where was there the least agreement (actions with yellow or red

dots)? What are the underlying issues and how can we address them or modify the action to be more achievable?

alignment - wanting to avoid [?], clarity of roles.
being a renter can be a challenge/barrier. Solution - community plots, incentives for landlords.
biggest challenge - education - schools, homeowners, politicians
clash of bylaws/policies - e.g. development and keeping permeable surfaces
community gardens useful in highly dense areas, specifically around apartment buildings.
community energy project -help to facilitate through land, etc. (e.g. Nelson and New West projects)
Concerns about local watershed
concerns we are moving too slow
Definition of grower is very large - does it take into consideration individuals or is it just for large-scale growers?
developers need info and regulation/enforcement
edible landscapes - what about pests like deer, rabbits - contamination, pesticides, watering
ensure relevance - people need to digest information
EV requirements for ride hailing services
expand EV charging public network
expand opportunities for efficiency upgrades - whole building stock have efficiency optimized
growing food issue with deer, especially with community gardens.
how do we help people change their old outdated habits?
how to finance - what is the budget?
how to incentivize net zero
incentives - bike riding, health, influence other
lack of notification process to homeless for an extreme heat event (relationship with Saanich police) i.e. cooling centres. How do we communicate these to them and do we have any formal cooling facilities.
leverage development process for more community amenities (e.g. solar, native species, etc.)
where is the leverage is it through staff?
may need a SLR specific plan that also applies to infrastructure
more emphasis on distributed storage, community solar
more overlap with CRD demand management on water to understand when water shortage will be an issue and when on-site water storage will be required.
nuance and communication and balance between regulation and encouraging innovation with private industry
opportunity for regional coordination and learning form best practices
partnership business, non-profit society already existing programs (education)
reducing GHG intensive cement use in public infrastructure
regulations that get in the way of industry innovation
reviewing road standards to include a climate lens
risk management of bee hives and people in parks - how would that work? Theft?
sea level rise education and capacity building is missing
urgency not seen in community/big picture - need to do something totally difference
vulnerability to extreme temps less lower loads
why is solar not taking off/
will need a lot more electricity to meet CleanBC plan, so maybe solar ("need 3 site C dams")
should be more prominent
worried about political interference and lack of buy-in

Table 77 Stakeholder adaptation comments - gaps

Considering the risks outlined, are there gaps or areas that are not addressed through the proposed actions? Do the actions, taken together align with the impacts and level of adaptation needed?
#5 transportation routes, individual preparedness
#5 with #2 - dealt with in manner similar to #2 more concrete actions.
#6 consider performance arts, art features to build resilience.
50% protection of land (nature needs half)
change the way municipality does business
community surveys are a priority to determine whether gaps. Success and establish baseline data.
consider different foods that can be grown with changing seasons, grow year-round.
consider how to get funding lift, pay for plan, integrate in department budgets.
how does Saanich take action to increase access to farm-fresh food, farmer's markets? Accessibility?
identify beaches most at risk
improve the links - all levels of schooling and community education
ISP programs - other municipalities
joint pilot project with Province on water licenses
link schools with parks for education and practical experiences.
more education around specifics e.g. creek daylighting
more on building efficiency
need more structure around the programs - high ratio of volunteers to students
Need to protect beaches - forage fish
new idea: incentives how to draw people in - don't alienate, relevance personal and easy. Not cost based.
not just community gardens at schools but also outside businesses - improve community and resilience
provincial education - physical literacy, agricultural education, put weir on end of Swan Lake
regional coordination
Saanich could hold water licenses - need water storage
Saanich to host networking event that brings together various groups and orgs all associations together to have a conversation.
sand movement and disruption of natural beach processes
save more land that has potential for future ecosystems
schools - naturalizing - work with School District. Rain gardens. Look at riparian zone in biodiversity strategy.
starter kit for kids
storm water management planning needed
take stance and responsibility on sea walls
tax incentives - emergency measures
there may be a monitoring/surveillance gap. And being able to track where we are at in a climate plan and then how we can plan/react to a threat. I.e. west Nile or something similar.
urban sprawl containment

Table 78 Stakeholder adaptation comments - resilience for their organizations

Will these actions support your organization or the people/interests you represent in building resilience? If so, how? If not, how can be best support action across the community?
alignment and collaboration within Saanich, regionally, globally.
apply health lens to leverage engagement.
awareness around where you can go, are you allowed to be in these gardens, contact info? Beaches/forage fish e.g. sand dunes threatened by sea level rise -need a plan to protect beaches.
Big focus on incentives.
Collaboration and planning is very encouraging and supportive of the local health authority. Communication and collaboration (neighbourhood/Local Governments/CRD/Province and Stakeholders)
consider how to remain relevant and useful
could Saanich use their parking lot to host a market?
Councilors more educated on food security - could come out to events.
education - so important - more people taking to associations, bring people along. What are the advantages, so people aren't shocked when something lands on them.
financing
GAP (monitoring/surveillance) gap (can we tell where are we at) so we can effectively make decisions if a threat occurs.
granting program for neighbourhood programs
ID core principles and key messages
involve older adults - volunteers in Saanich possibly with schools
Missing: streams are veins of life. Should be considered as infrastructure.
neighbourhood level program to build resilience - Community Associations, PACs.
oil tank as model, speakers, fact to face connection.
Partner with community association e.g. the Enviro officers.
regular feature with Saanich News re parks/community work e.g. Our Backyard
re-occurring community survey - baseline success and progress
success/issues migration area, urban/rural
top up for building incentives
we need incentives to try things e.g. nature stewardship e.g. for Pulling Together volunteers.
Yes. Health/resilience of a community have a public health perspective.

G.3 Evaluation form results

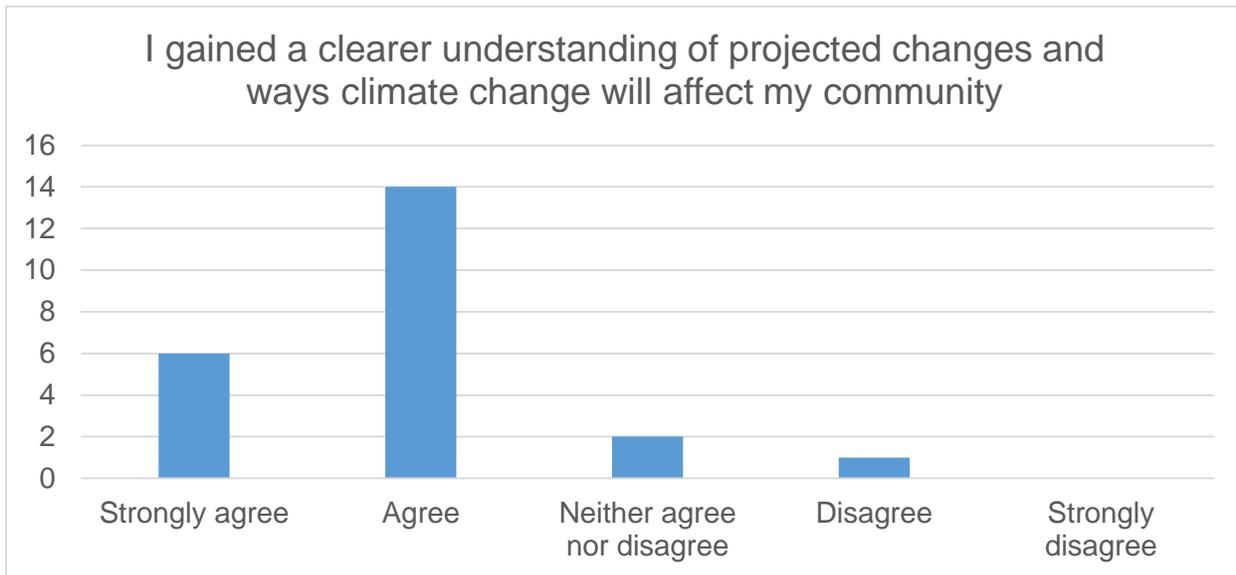


Figure 42 Stakeholder adaptation workshop evaluation – inform level

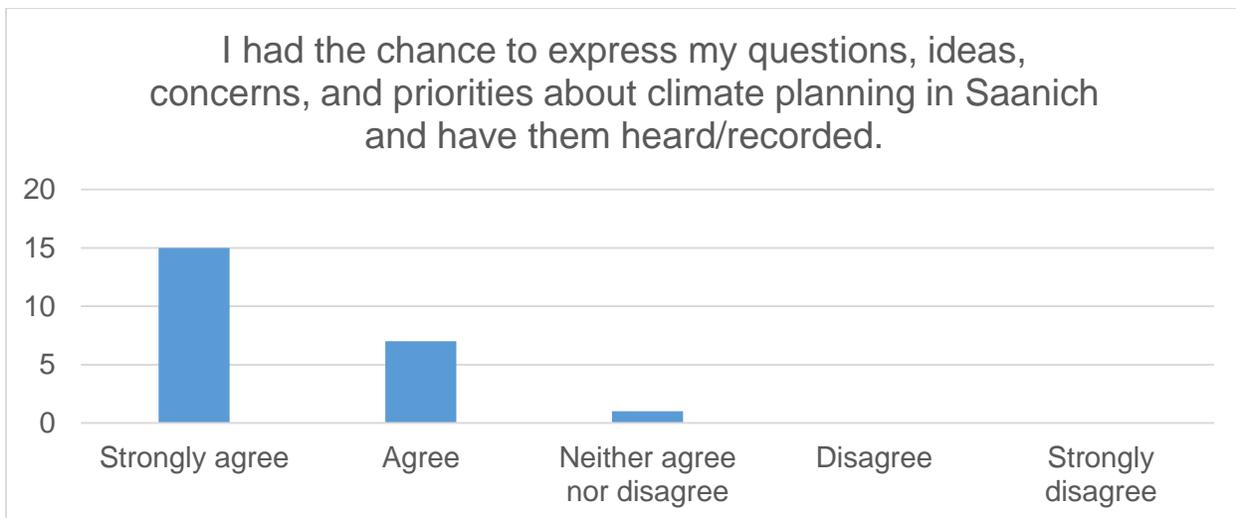


Figure 43 Stakeholder adaptation workshop evaluation - consult level



Figure 44 Stakeholder adaptation workshop evaluation - collaborate level

Table 79 Stakeholder adaptation workshop - other evaluation comments

Any other comments or suggestions?
Change in transportation practices are probably more relevant to mitigation - but is there a need to address this area under adaptation too? Thanks!
Focus consistently on the hydrological cycle 2 tie into it especially: - riparian zones in Saanich - beach areas in Saanich water licenses in cooperation with BC Prov Govt
Great job!
Great work! Loved the process.
I am very concerned that whatever suggestions that come out of this workshop and the work that was done by staff in preparation for the workshop are not going to address the HUGE changes that are coming - climate refugees, economic collapse, ecosystems failure. We need to make resilient, self-sufficient communities that have energy self-sufficiency (non-GHG), water and food self-sufficiency. The municipality needs to put these concerns ahead of developers.
Just my perspective: Was happy to see the discussion started at a higher level of base knowledge - only because this meant interesting nuanced "crunchy" policy and technical conversation.
Looking forward to electronic feedback.
Much better, less noisy environment for [?]. Well done! RE: question #1 I have been doing this for ever!
Participation part was good - with [staffperson].
Please use stronger verbs in your strategy statements.
Really great workshop. Wish I could have discussed more topics in a group but that would be a 3 day workshop!

Saanich needs to focus on public education and awareness to actively engage citizens. The municipality cannot tackle this crisis alone. This requires "all hands on deck." Thanks for the opportunity to participate!

somehow we need to get our city to get out of the way of good innovations that come up from the bottom.

The adaptation collaboration among all participants in this workshop was most helpful for our organization (BCSEA).

Wish we could have had a chance at a focused session on more than one action area.

Otherwise great! Might have been helpful to have draft actions ahead of time - lot to read, comprehend and comment in a short time.

Table 80 Stakeholder mitigation workshop evaluation form comments

A lot to digest/comment/read.... Might be useful to provide info before. Thank you.

Another informative and engaging workshop thanks for the opportunity to participate.

Considering real world climate change rates, we need to move fast(er).

Continue to offer these kinds of workshops. Increase support to "community spread" -> need to have as many residents and businesses etc. involved in the action.

Could have done more listening and learning if actions were distributed in advance. Send actions out in advance, it was a lot to digest. Action idea - want to make sure this is captured - key priority should be complete/compact communities, making sure people have walk/cycle/transit opportunities (i.e. don't get sucked into just focusing on EV transformation alone). Really need overarching engagement/education campaign focused on lighter living. Build from One Planet Saanich. This is a lot of actions, we need to lobby senior levels of gov't to shift fossil fuel and road subsidies to enable cities/local governments to implement these actions - all of them!! What can we do to get the school boards on board?!

Data (CEEI) etc. governance wise vis data suppliers/creators/recorders. Equity (lens) - intergenerational (e.g. affordability), gender based, etc. road user types). Progressive approach to demand-side mgmt. (vs. supply side) incentives - free-ridership.

Evs solar charged batteries, Evs, etc. are proven technology - force it by limiting gas/diesel powered vehicles production, it is "later than you think" as we have gone beyond the tipping point.

Good workshop format and facilitation!

Great workshop!!! Thanks.

I'm associated with the "Victoria Electric Vehicle Club" and we've been doing a lot of work on assisting municipalities with "right to charge" bylaws and charging infrastructure to encourage greater adoption of electric cars. We'd love to meet with you to offer some ideas that could speed up your progress on these issues. [contact info provided].

Impressed with the scope of ideas and range of subject areas. Perhaps an aggressive citizen engagement to mobilize projects. Well facilitated and timed. Good range of expertise in the room. I liked the design of the workshop. I'm still deeply troubled by the 2050 timeline. We are facing a 10 year timeline not a 30 year horizon. Get aggressive about accelerating action!

Interesting ideas shared. Felt some energy and optimism about possible activities. Well facilitated - comprehensive overview.

Keep it up!!! Great!!!

Much sooner than 2050/2030 preferred. Paying for RE must come from a higher carbon tax and better ICBC rates for Evs and for bicycles. Better payment ideas from communities can mean better mitigation effects/benefits for all. How did the cigarette usage issue become lower by society and could we use legislation (carbon tax) to reduce fossil fuel consumption?

Thanks for inviting me!

Thanks. The discussion was very stimulating.

The discussion around the low level of ambition and lack of urgency in the planning process may not have come through forcefully enough. We need to get moving!

This was awesome and really well organized and facilitated.

Well done. Some more clarity on what actions most important (in % reduction might be good).

Worthwhile exercise. All the green stickers indicate how much consensus there is. Even in the areas of disagreement, it is more a matter of focus (e.g. electric yes, hydrogen probably not, biofuels definitely not.)

APPENDIX H: ST. MARGARET SCHOOL GIRLS' SCIENCE TECHNOLOGY ENGINEERING AND MATH CONFERENCE CLIMATE WORKSHOP

H.1 Large format poster dots and comments

Figure 45 STEM workshop - mobility

SUSTAINABLE MOBILITY

And make service more reliable. The bus is often late or early.

- 1 Accelerate the Active Transportation Plan to build safe and convenient walking and cycling routes.
- 2 Increase funding to BC Transit to improve service frequency and reduce fares.
- 3 Increase electric vehicle charging access by:
 - 4 Increasing the number of Saanich public charging stations.
 - 5 Requiring all new development have EV-ready infrastructure.
 - 6 Providing incentives and support for installing EV charging infrastructure in existing multi-unit buildings.
 - 7 Reduce upfront costs of electric bicycles through incentives.
 - 8 Concentrate new building development in areas with frequent public transit and easy access to services such as grocery stores and schools.

Comment: And make service more reliable. the bus is often late or early.

Figure 46 STEM workshop - buildings

RENEWABLE AND RESILIENT BUILDINGS

- 9 Phase out oil heating in Saanich.
- 10 Reduce upfront renovation costs for resilience, efficiency, and renewable energy upgrades by expanding Saanich's innovative retrofit financing program and other incentive tools (e.g. tax incentives for commercial buildings), with a focus on heat pump adoption for efficient, affordable renewable energy heating and cooling.
- 11 Ensure all new buildings are low-carbon and resilient by accelerating higher Step Code (energy efficiency) requirements and incentivizing (or requiring where feasible) low carbon space and water heating systems.

Figure 47 STEM workshop - natural systems

THRIVING NATURAL SYSTEMS

- 12 Expand and connect high quality natural areas in Saanich through a variety of strategies that ensures their permanent protection and management to maximize carbon sequestration potential and ecosystem resilience, subscribing to the idea that "nature needs half" to thrive.
- 13 Measure the value of natural assets to District services (e.g. stormwater management) and include them in asset management and services planning.
- 14 Grow the urban forest in Saanich by accelerating tree planting on public lands and supporting management through a comprehensive tree inventory and asset management system.

How is it going to work with the housing? -> don't make us live the harder make a better -> This is better for our area focus on core parks and trails

Table 81 STEM workshop comments - natural systems

how is it going to work with the housing crisis?
 Not half come on!
 don't [?] we have the numbers make a difference.
 This is definitely important for our endangered species
 Focus on connecting large parks and natural areas.
 Natural assets irrelevant (x2 agree)
 Where would the buildings go? If there is space then we all agree but is it economically sound? Is there land?

Figure 48 STEM workshop - food, consumption, and waste

REDUCING IMPACT OF FOOD, CONSUMPTION, AND WASTE

- Develop a Zero Waste Strategy for Saanich, that outlines strategies and timelines to:
 - Eliminate single use plastics; *Specifically regulating plastics - many plastics come from single use restaurant cups, soft plastic, etc.*
 - Build a 'circular economy' that recovers and regenerates products and materials at the end of their useful life; and
 - Use the Saanich Carbon Calculator and other tools to mobilize Saanich residents and businesses towards achieving a zero waste future. *8/10 of Saanich*
- Partner with local farmers, researchers, and other stakeholders such as the BC Agriculture and Food Climate Action Initiative on climate mitigation and adaptation projects on Saanich farms. *Partner with local farmers, researchers, and other stakeholders such as the BC Agriculture and Food Climate Action Initiative on climate mitigation and adaptation projects on Saanich farms.*
- Accelerate the actions in the Saanich Agriculture and Food Security Plan to improve food security in Saanich.

Specifically regulating plastics - many plastics come from single use restaurant cups, soft plastic, etc.

Zero waste is best idea

Zero waste is most urgent

cut down on single use [?]

okay but start small first go yellow and be mellow

Yacht

Algae

Table 82 STEM workshop comments – food, consumption, and waste

Polystyrene Kena
 Food waste biodiesel
 Specifically regulating plastics - many plastics come from single use restaurant cups, soft plastic, etc.
 Zero waste is best idea
 Zero waste is most urgent
 cut down on single use [?]
 okay but start small first go yellow and be mellow

Figure 49 STEM workshop - community well-being

ENSURING COMMUNITY WELL-BEING

- 1 Support local First Nations climate mitigation and adaptation initiatives.
- 5 • Develop and apply an equity lens and indicators for climate action initiatives.
- 9 • Mobilize an engaged, informed and active community by:
 - Developing programs that integrate and support carbon reduction, ecosystem stewardship, emergency preparedness, and improved community resilience through tangible and hands-on neighbourhood-oriented activities.
 - The creation of a community climate fund.
 - Convening the community around options and preferred responses to sea level rise.
 - Developing a Citizen Assembly of local residents, businesses, and organizations to advise and monitor progress on Saanich's climate plan and to be ambassadors and partners for community climate action.
- 7 • Support local clean energy jobs and training opportunities.
- 10 • Develop a Sustainable Saanich Scholars program with post-secondary institutions.

Equality everyone should have the {?} for support!

What would that entail [equity]? Details?

Table 83 STEM workshop comments - community well-being

Equality everyone should have the {?} for support!
 What would that entail [equity]? Details?

Figure 50 STEM workshop - leading by example

The District of Saanich will:

- 5 • Make climate a governance priority by:
 - Establishing a cross-departmental climate leadership group.
 - Developing rigorous shared monitoring and reporting mechanisms.
 - Developing a financial strategy for sustainable and ambitious climate action.
- 10 • Increase the internal carbon price from \$25.
- 2 • Achieve zero carbon emissions in Saanich's main buildings by 2020.
- 6 • Dedicate new staff resources for corporate and community climate action.
- 6 • Launch a Climate Friendly Commuter Program for all Saanich staff, including e-bike financing and perks for EV drivers.

Need a stable economy too maybe raise it by a percentage so that people on the poverty line are ok.

how will this be achieved?

= more taxes?
 Who is Saanich staff?
 Why are we paying for this?

Table 84 STEM workshop comments - leading by example

Need a stable economy too maybe raise it by a percentage so that people on the poverty line are ok.

how will this [achieve zero carbon in Saanich buildings] be achieved?

does the sustainable transportation for staff mean more taxes? Who is Saanich staff? Why are we paying for this?

H.2 Group discussion notes

Table 85 STEM workshop comments - highest approval

What actions are most encouraging/exciting to you?

Sustainable Mobility accelerate Active Transportation Plan

Reduce fares and increase service at BC Transit

Governance priority/financial strategy

Zero Waste is unrealistic - 90% reduction?

Support First Nations Climate Action

Make climate a governance priority

Developing financial strategy

Support local clean energy jobs and training opportunities. Then we could increase carbon tax and the economy won't be hurt as much. All the people with jobs in oil, gas, etc. went into green energy and environmental jobs those people and economy wouldn't be as negatively affected.

Achieve zero carbon emissions

Table 86 STEM workshop comments - lowest approval/agreement

Which areas have less agreement and are there ways we can improve them?

Support local First Nations. Work towards First Nations speaking for themselves. Also, what would this specifically be? Would it affect First Nations on reserves or would it be related to common land?

Increase carbon price. Concern with the economy and poor people. However, we are a fairly wealthy community and can probably afford this. Why only carbon? Methane - dairy farms?

Climate friendly commuter program - don't really want to increase tax/use tax money to pay for the program.

Table 87 STEM workshop comments - relevance

On a scale of 1-10, how much will these actions support you, your family, your school, or other organizations you're a part of to reduce your own GHG emissions by 80% and get to 100% renewable energy?

5.5

6.6

7.5-8

Table 88 STEM workshop comments - additional actions

What else do you think would help get your own life and your community to 100% renewable and 80% GHG reduction? Explain

Workout bikes in rec centres should generate electricity if possible.

Connecting main bike routes with small paths

school gardens/rooftop gardens

school cafeteria buy deformed vegetables.

Have locations for everybody to share environmental ideas and easily communicate with the government.

publicity

- vegetarian
- vehicles
- promote glass not plastic
- renewable bags not plastic
- reduce plastic packaging
- become vegetarian - make meat expensive
- Encourage small efficient cars and Evs
- Sex Ed for population
- Rec centres - generate electricity with exercise equipment e.g. phone charger unit
- School bus cars work for BC Transit and are discounted
- More convenient reliable transit
- Cafeteria food - reduce waste "ugly vegetables"
- Share excess food with those in need.