

An aerial photograph of a coastal town and harbor. The top half shows a wide expanse of blue water with several small, forested islands. In the background, a range of mountains is visible under a clear blue sky, with one prominent peak covered in snow. The bottom half of the image shows a town with various buildings, parking lots, and green spaces, surrounded by dense evergreen forests.

Salt Spring Climate Action Plan public engagement 2020

Lessons Learned

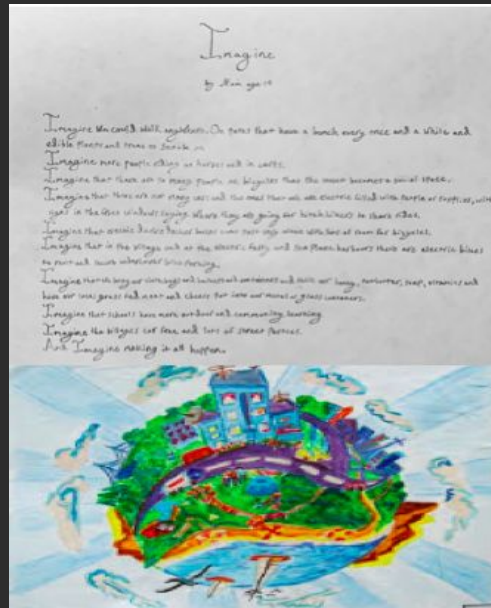
Before



If We work
together We Can
Slow down Climate
Change and Make
the world a rainbow.



The glaciers are melting quickly. The temperature is rising because the trash in the landfills is creating gas that goes into the atmosphere that heats the earth. Soon we will be flooded. We need to stop climate change. The ice caps are melting too.



Data collection

A	B	C	D	E	F	G	H	I	J	K	L
Topic	Option Title	Increments (units)	GHG Reduction 10 yrs - 2030 (tonnes)	Difficulty Score		Vehicles Replaced	New Bus Routes	Buses Replaced	New Bike Routes	Ferries Replaced	Furnaces Repl
	1 - 5 words each		Target is tons of GHG reduction								
Transportation											
	Personal Vehicles	100%	23,000	7		9200					
		75%	17,250	6		6900					
		50%	11,500	5		4600					
		25%	5,750	4		2300					
		0%	0			0					
	Bus routes	100%	320	6		100	10				
		75%	240	5		75	7.5				
		50%	160	4		50	5				
		25%	80	3		25	2.5				
		0%	0			0	0				
	Electric buses	100%	70	6				5			
		75%	53	5				4			
		50%	35	4				3			
		25%	18	3				2			
		0%	0					0			
	Electric school buses	100%	90	7				10			
		75%	68	6				8			
		50%	45	5				5			
		25%	23	4				3			
		0%	0					0			
	Cycling infrastructure	100%	640	8		200			100%		
		75%	480	7		150			75%		
		50%	320	6		100			50%		
		25%	160	5		50			25%		
		0%	0			0			0%		
	Electric Ferries	100%	17,700	7						100%	
		75%	13,275	6						75%	
		50%	8,850	5						50%	
		25%	4,425	4						25%	

June 2020

Today

Color: Default

Weekends: On

Fields

...

Sun 31	Mon June 1	Tue 2	Wed 3	Thu 4	Fri 5	Sat 6
	DYK - EV Email to list 2	AD business owners < Quote Meme Ads	DYK - Why Climate Emergency?	AD Homeowners < Quote Meme Ads	affordable housing < Quote Meme Ads	DYK - Climate af- fairs
During						
email - update	DYK - Composting Maildrop 3	AD Orca < Quote Meme Ads	10 DYK - Bike Lanes	11 water shortage < Quote Meme Ads	12 AD gardeners < Quote Meme Ads	13 Home Retrofits < Explainers
14 DYK - Food AD Forests < Quote Meme Ads	15 Health < Quote Meme... 1 3rd email to list	16 Cycling infrastru... < Quote Meme Ads	17 DYK - Solar / retrofits	18 DYK - Forests	19 scientists < Quote Meme Ads	20 DYK - Water
21 Survey extended Kids < Quote Meme Ads	22 DYK - Health AD local newspaper #1	23 What kids can do AD farmers/food < Quote Meme Ads	24 EVs and automobil... < Quote Meme Ads	25 DYK - fairness - affordability	26 Climate Smart Gar... < Explainers Newspaper AD #2	27 Parents AD < Quote Meme Ads
28 DYK - Forest Fires	29 Buying an EV < Explainers AD artists	30 AD LAST DAY	July 1	2	3	4





Salt Spring Island Climate Action Plan

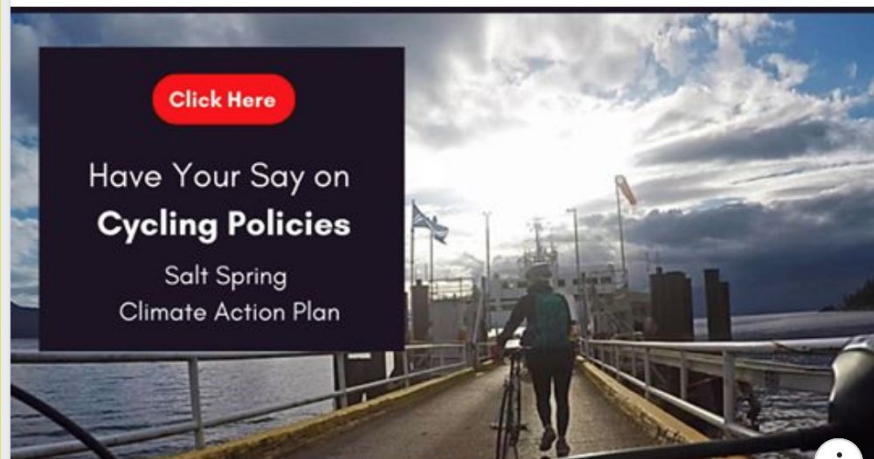
June 10 · 🌐



Did You Know:

Although cycling, and creating the infrastructure for it, doesn't seem like it is a huge GHG emissions killer it can replace a significant amount of trips taken by car overall if people feel safe and comfortable. It also has co-benefits that lead to better health and often, a better sense of well-being.

On Salt Spring, our personal vehicles, work vehicles and the deliveries that we receive from off-island are responsible for close to 30,000 tonnes of greenhouse... [See More](#)



SALTSPRINGCLIMATE.ETHELO.NET

Climate Action Plan





Salt Spring Island Climate Action Plan

June 14 · 🌐



"...If we don't do something about protecting our forest sinks and stopping emissions from logging, everything else looks like rearranging the deck chairs on the Titanic."

– Briony Penn, naturalist, writer, educator, & broadcaster

Please take part in this community engagement and have your say on healthy forests and the health of our planet. ... [See More](#)



[SALTSPRINGCLIMATE.ETHELO.NET](https://saltspringclimate.etheo.net)

**Briony Penn - Forests and the Climate
Emergency - Have Your Say**

[Learn More](#)



Salt Spring Island Climate Action Plan

June 24 · 🌐

"I believe all Salt Springers who already own an EV or are interested in EV's should participate in the Climate Action Plan process." – Jim Standen

Public Engagement Now Open.

Have Your Say! 👉 [SaltSpringClimateActionPlan.com](https://saltspringclimateactionplan.com)



[SALTSPRINGCLIMATE.ETHELO.NET](https://saltspringclimate.ethelo.net)

Jim Standen – Electric Vehicles – Have your Say!

[Learn More](#)



Salt Spring Island Climate Action Plan

June 12 · 🌐



"...But that's not all: With careful management, farms and gardens can increase the amount of carbon held in the soil and reduce the amount of fossil fuels used to produce and transport our food. Using locally recycled waste, eliminating packaging, providing a livelihood for growers and recreation for gardeners, all while putting delicious, fresh and healthy food on our tables--growing our own food is a win-win strategy for addressing climate change.

For a chance to be heard on specific options for addressing climate change, whether it is in transportation, housing, food systems and other areas, please do the survey. The results will be used to show policymakers at all levels of government what efforts and policies our community supports to address climate change."

– Linda Gilkeson, PhD, Author & Master Gardener

Salt Spring Climate Action Plan public engagement now open. Have your say here: <https://SaltSpringClimate.ethelo.net>



[SALTSPRINGCLIMATE.ETHELO.NET](https://saltspringclimate.ethelo.net)

Linda Gilkeson – Climate Plan - Have Your Say

Learn More

BACK

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Transportation and You



Transportation related emissions are one of the largest sources of greenhouse gas emissions on Salt Spring. Gas-powered cars and trucks have a big footprint, from tailpipe emissions to road infrastructure to the air that we breathe. Studies have linked pollutants from vehicle exhaust to all aspects of human health.

+ Indirect and Global transportation emissions

On Salt Spring, our personal vehicles, work vehicles and the deliveries that we receive from off island are responsible for close to 30,000 tonnes of greenhouse gases every year. That's more than $\frac{1}{3}$ of all of our local emissions. Our buses (school and transit) add about 160 tonnes to our GHG totals, our ferries add in another 17,700 tonnes/year.

+ Want an example of the possibilities?

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Climate Emergency Planning

How to Participate

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Climate Change and Salt Spring Island

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A few questions for you:

What is your main mode of transportation currently?

☐ Walking

☐ Car

☐ Truck

☐ Biking

☐ Public Transit

☐ SUV

If you own a car - How old is your car?

☐ Brand New

☐ 3 - 6 years old

☐ Older than 10 years

☐ 1-3 years old

☐ 6 - 10 years old

Would you consider buying an electric vehicle as your next vehicle?

☐ Yes

☐ Maybe

☐ No

☐ Already drive an EV

Right now, there are approximately \$8,000 in government subsidies for EV's which brings the price of many EV's in line with the price of gas cars. Does this incentive help you consider an EV? (You can skip this if you already own an EV)

☐ Yes - I'm thinking of buying one

☐ No - this doesn't affect my decision

What are your barriers to buying an EV? (You can skip this if you already own an EV)

☐ Range Anxiety

☐ Availability of EV charging stations

☐ Cost

☐ Time to recharge

☐ Other

☐

BACK

Climate Emergency Planning

How to Participate

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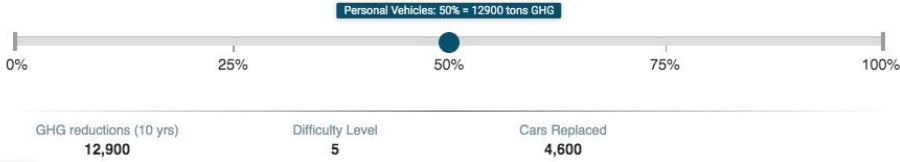
Personal Vehicles



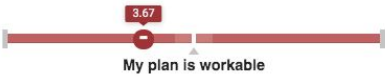
It has been a long road for electric vehicles, but today, there are many vehicles offering extended operating ranges and affordable sticker prices not to mention the incredible incentives. There has never been a better time to own an electric vehicle. Not only are they growing more and more affordable, but they are also safer and less likely to break down. Plus there's often preferred parking and HOV lane access when you're in the city.

+ How Difficult is This?

How many gas vehicles do you think we can and should replace with electric vehicles in the next 10 years?



My GHG Reduction Plan



My Plan's Difficulty : 3.67

Max Difficulty : 5.00

My Plan's GHG Reduction : 14,078

Min GHG Reduction : 35,000

- Personal Vehicles: 50% = 12900 tons GHG
- Bus Routes: 25% = 128 tons GHG
- Tourism Emissions: 50% = 1050 tons GHG

Key Findings

856

community members
voted in the public
engagement process.

THIS PLAN HAS

82%

SUPPORT.



OPPOSE

SUPPORT

40,688 tonnes

greenhouse gas reduction

difficulty score of 4.71

This plan is considered difficult but
achievable overall.

Top 5 Policy Options

POLICY OPTION	LEVEL OF SUPPORT	LEVEL OF REDUCTION SUPPORTED	GHGS REDUCED
Electrifying Personal Vehicles	75%	50%	12,900 tonnes
Halting Forest Clearing	73%	75%	12,000 tonnes
Electrifying Ferries	71%	50%	8,850 tonnes
Reducing Freight Emissions	75%	50%	1,350 tonnes
Retrofitting Electric-Heated Homes	75%	50%	1,500 tonnes



Electrifying our vehicles.

This was the most supported and least polarized option.

THE RESULTS:

On Salt Spring, our personal vehicles, work vehicles and off-island deliveries are responsible for close to 30,000 tonnes of greenhouse gases every year. That's more than 1/3 of all of our local emissions.

Right now there are approximately 9200 personal vehicles and 300-400 commercial vehicles on Salt Spring; only about 300 of the vehicles are electric. That's just under 3%.

Soon, the cost of an electric vehicle (EV) will be on par with a gas one, vehicle range and style choices are ever-expanding and savings in gas and service each year are generally around \$2000 - \$2500. With government incentives, EV vehicle sales are increasing and are much more affordable. Not only that, but we finally have enough used EV vehicle stock to make buying them realistic for more people.

We asked community members:

How many gas vehicles do you think we can and should replace with electric vehicles in the next 10 years?

50%

of vehicles to be replaced in the next 10 years.

12,900

tonnes of greenhouse gas reduced as a result.

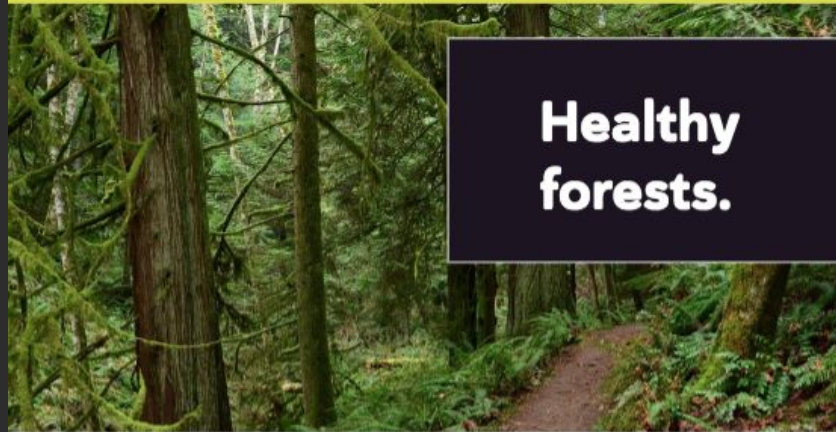
75%

of participants supported this plan.



OPPOSE

SUPPORT



Healthy forests.

THE RESULTS:

Between 2009 and 2017, about 86 hectares of forest were clear-cut on Salt Spring (an average of 11 hectares/year), equalling approximately 126,850 tonnes of CO₂e. It also means we have 86 hectares less of our forests working as a carbon sink to offset our daily emissions or as water sponges to support our natural aquifers and lakes.

Areas that are left unforested will never store nor sequester carbon at the same capacity again. However, even those that are reforested, will need more than 100 years before they can regain the carbon that was emitted by the initial loss, if ever.

We asked community members:

What percent of trees should and can we stop from being cleared over the next ten years (if 110 hectares is 100%)?

75%

reduction in forest clear-cutting over the next 10 years.

12,000

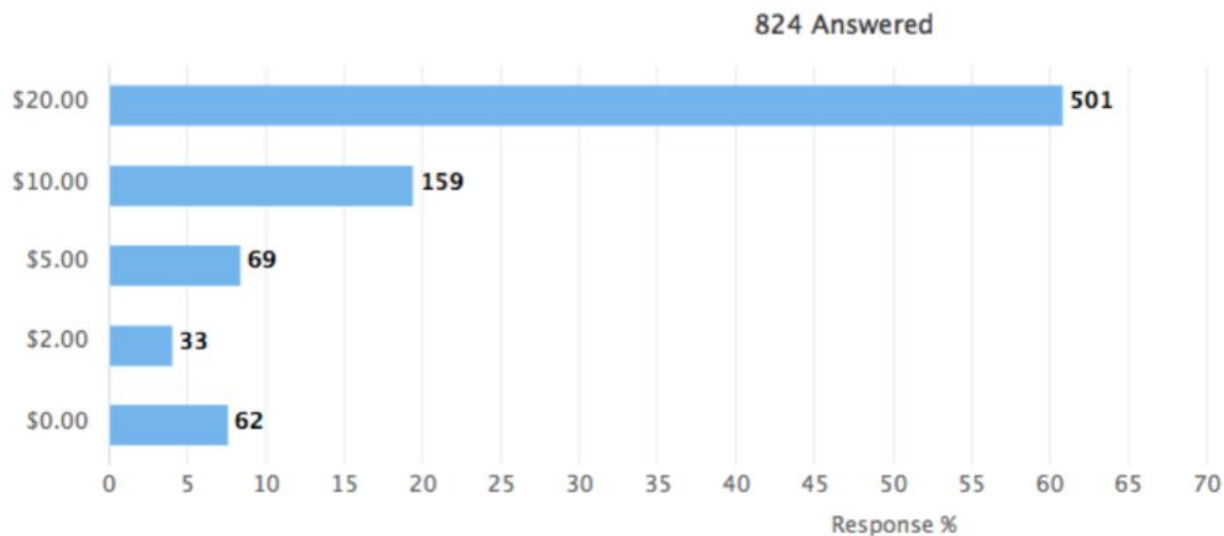
tonnes of greenhouse gas reduced as a result.

73%

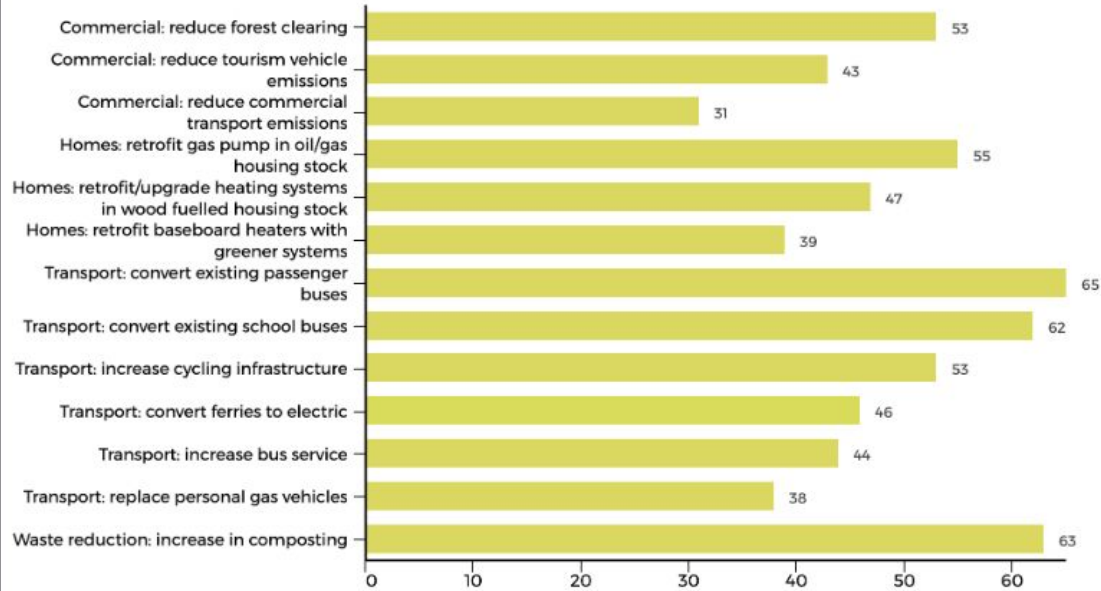
of participants supported this plan.



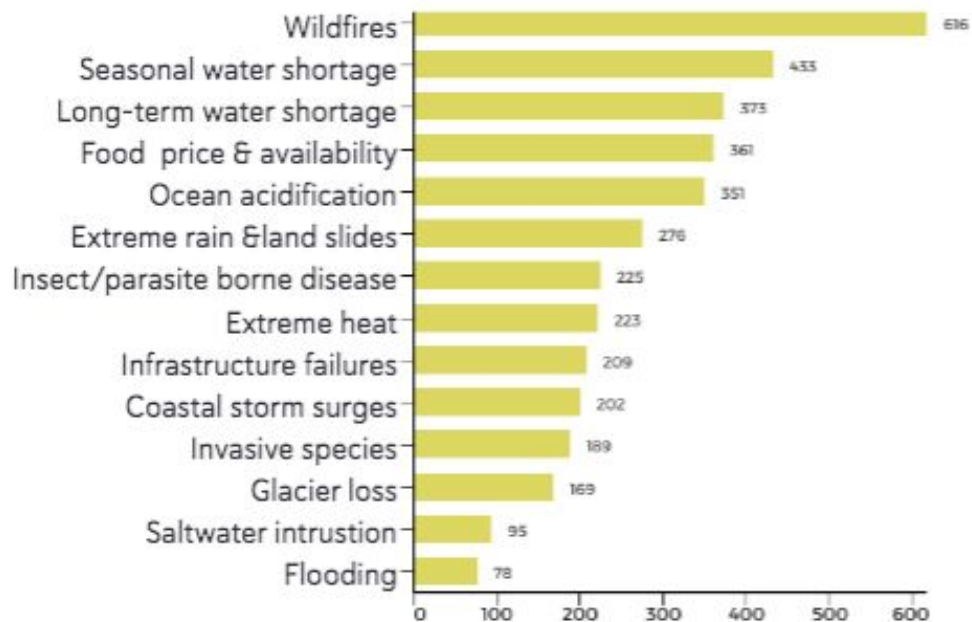
What is the maximum tax increase per year you would support to improve bus frequency and expanded routes?



Policies supported by islanders not or partially concerned about climate change, by category and magnitude of increase



Considering impact, likelihood and Salt Spring's strengths and vulnerabilities, which climate event(s) are the ones that concern you most?





Salt Spring Island Climate Action Plan 2020

**Case Study
Report**

ethelo.org/carbon-budget