

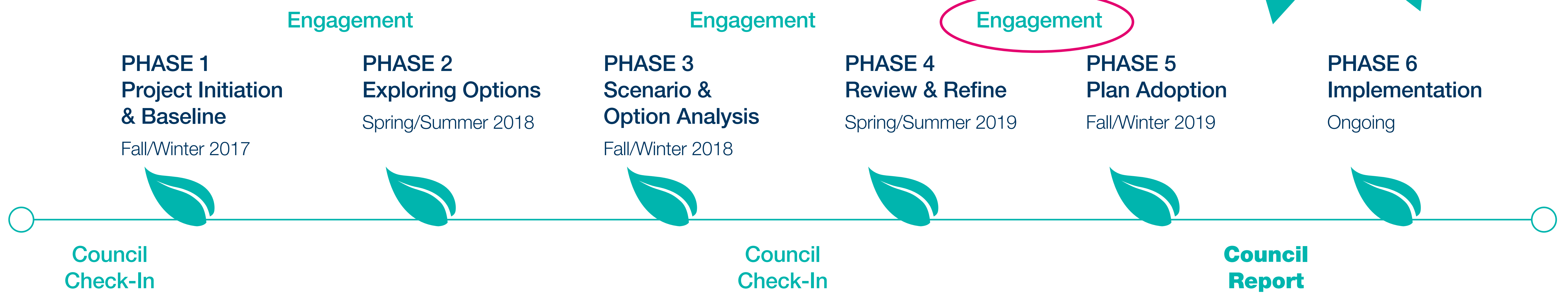
100% RENEWABLE AND RESILIENT SAANICH

SAANICH IS DEVELOPING A PLAN TO:

- Reduce our greenhouse gas emissions by 50% by 2030 and to net zero by 2050.
- Become a 100% renewable energy community by 2050.
- Prepare for a changing climate.

Learn more about the draft climate plan and take the survey at saanich.ca/climateplan

CLIMATE PLAN PROCESS AND TIMELINE



A renewable future

A renewable energy transition doesn't just shrink our greenhouse gas emissions. It also provides us with opportunities to protect our natural environment, improve air quality and community health, and save money while supporting clean energy jobs and a diverse economy. Renewable energy solutions exist right now, and help is available to make the switch.

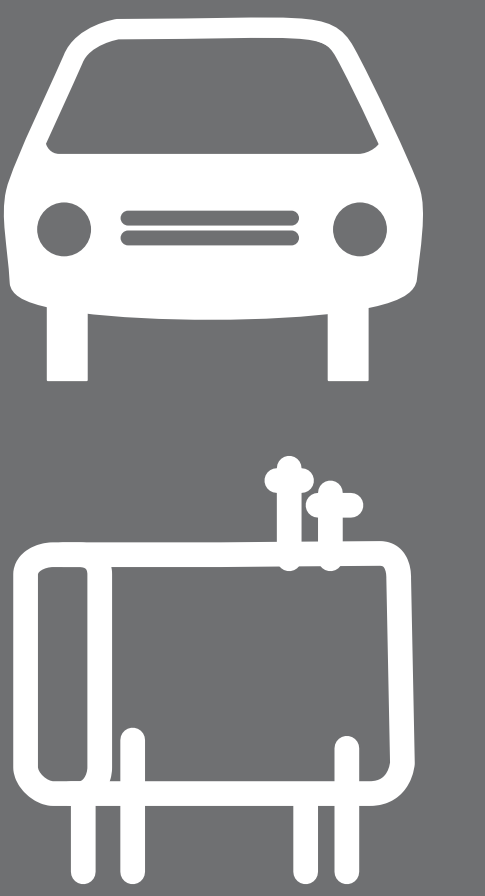


Enhancing community resilience

Climate change will impact our community. The biggest risks may be to our ecosystems and our health, with those already vulnerable facing additional challenges. We can all play a role in improving our community's ability to respond to climate change.

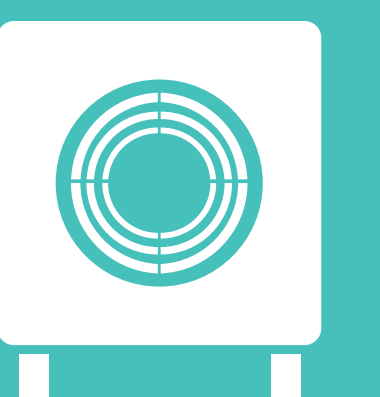
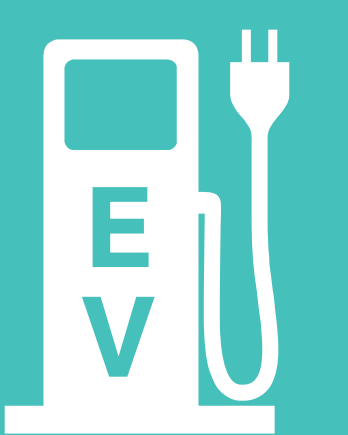
We will phase out fossil fuels such as:

- Gasoline
- Diesel
- Heating oil
- Natural gas
- Propane



We will transition to renewable energy, including:

- "Negawatts" aka energy conservation and efficiency
- Renewable Electricity such as:
 - Hydroelectricity from BC Hydro
 - Solar photovoltaics
- Biofuels such as:
 - Renewable Natural Gas
 - Biomass
 - Biodiesel
- And other low-carbon renewable energy sources.



SAANICH ALREADY USES RENEWABLE ENERGY AND OUR ELECTRICITY FROM BC HYDRO IS 98% RENEWABLE

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



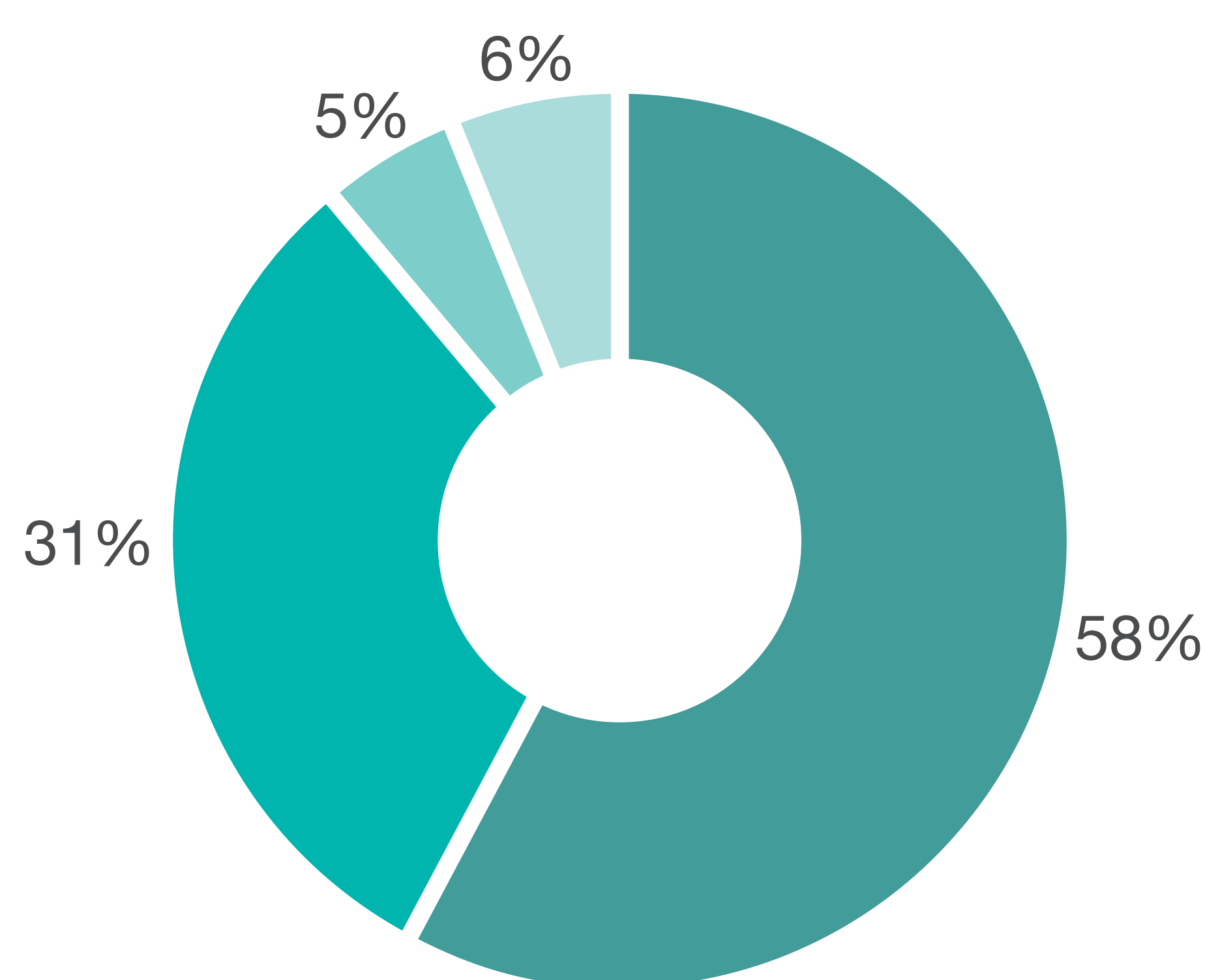
BE PART OF THE ENERGY!

Wondering what you can do to help achieve our community's climate goals?

Measure your personal greenhouse gas emissions using the Carbon Calculator at saanich.ca/climateplan. Reduce the carbon impact of your home, transportation, food, and consumption choices. Aim to reduce your emissions by at least 50% by 2030 and get to 100% renewable energy by 2050. Help is available in the form of advice, incentives, and more.

Greenhouse Gas Emission Sources in Saanich (2017 GPC Basic + Inventory)

= 512,901 tonnes carbon



- 58% Transportation
- 31% Buildings
- 5% Waste
- 6% Other
Industrial Processes, and Product Use (IPPU)
Livestock, Land and Agriculture (AFOLU)

Climate friendly mobility is active or renewably powered

Transportation is the biggest source of greenhouse gas emissions in our community.

The draft plan proposes to:

- ✓ Invest in walking, cycling, and public transit amenities
- ✓ Support increased affordable electric transit service and transit-oriented development
- ✓ Work to expand access to electric vehicle charging, including for condo owners and renters in apartments.
- ✓ And more!

Climate friendly homes use renewable energy efficiently and are resilient

Buildings are the second largest source of greenhouse gas emissions in Saanich.

The draft plan proposes to:

- ✓ Help with upfront costs of renewable energy upgrades, especially for lower income households.
- ✓ Phase out oil heating.
- ✓ Require efficient, low carbon new construction.
- ✓ And more!

DID YOU KNOW? SINCE 2014, OVER 150 SAANICH RESIDENTS CONVERTED FROM FOSSIL FUELS TO HEAT PUMPS AND ACCESSED REBATES TO HELP!

Oil heating is expensive and risky



Heating your home with oil produces at least as much greenhouse gasses as an average car each year, with expensive energy bills, and a risk of oil spills that can harm local waterways.

Heat pumps provide affordable heating and cooling with renewable energy



"My heat pump was a big improvement from oil - I feel better knowing I reduced my home's climate impact." - *Wendy Smith, Saanich resident.*

Heat pumps have lower energy bills than oil heating. They also help prepare your home for hotter summers and smoky air conditions through providing air filtration and cooling in summer.