



# 100% Renewable & Resilient Saanich

[saanich.ca/climateplan](https://saanich.ca/climateplan)



# UPDATED CLIMATE PLAN

- Become a 100% Renewable Energy Community by 2050
- Reduce our GHG emissions by 80% of 2007 Levels by 2050
- Prepare for a Changing Climate

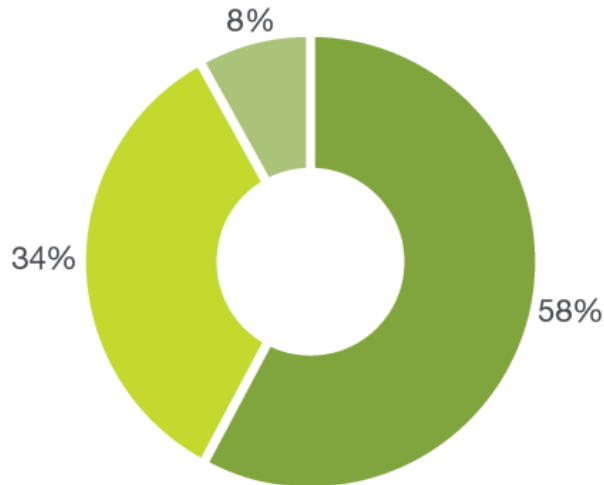
## THE PLAN WILL BE DEVELOPED IN SIX PHASES:



# WHAT WILL WE MEASURE?

## 2007 Baseline Territorial GHG Inventory

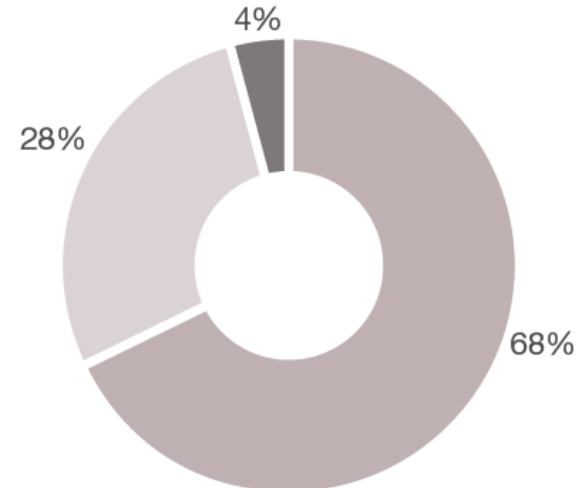
= 414,000 tonnes carbon  
= 3.72 tonnes carbon/person



- 58% Transportation
- 34% Buildings
- 8% Waste

## 2015 Territorial GHG Inventory

= 426,000 tonnes carbon  
= 3.7 tonnes carbon/person



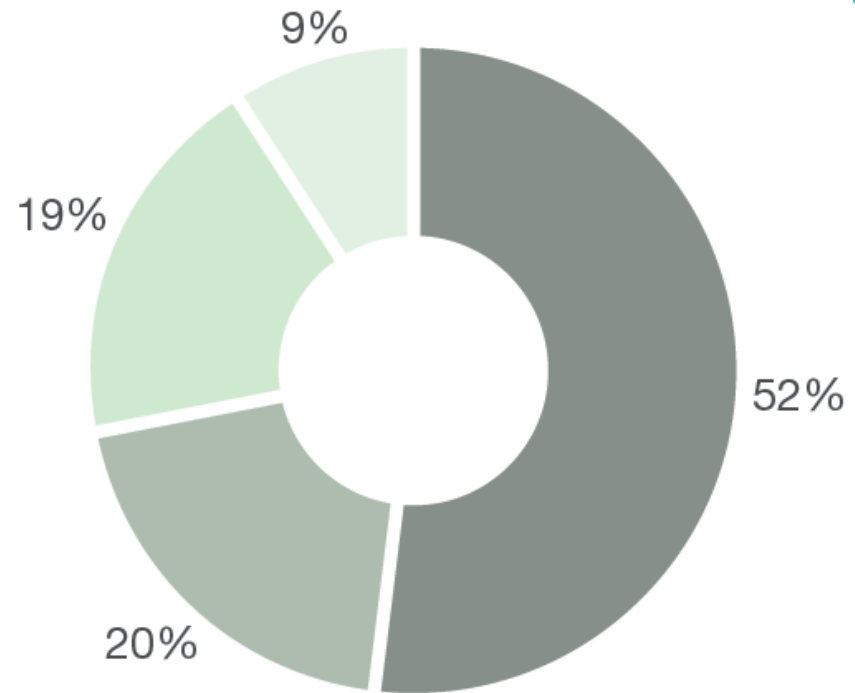
- 68% Transportation
- 28% Buildings
- 4% Waste

# WHAT WILL WE MEASURE?

## 2015 Consumption Based GHG Inventory

= 881,000 tonnes carbon

= 7.7 tonnes carbon/person

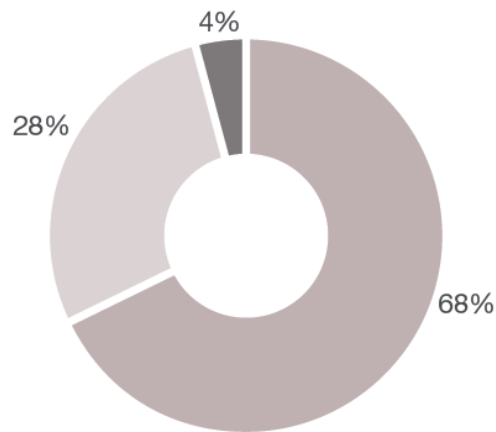


- 52% Transportation
- 20% Buildings
- 19% Food
- 9% Consumables & Waste

## 2015 Territorial GHG Inventory

= 426,000 tonnes carbon

= 3.7 tonnes carbon/person



- 68% Transportation
- 28% Buildings
- 4% Waste

# THE ENERGY HIERARCHY

## REDUCE

**REDUCE** - We will reduce our energy and material consumption and our waste generation through conservation, efficiency, and redesign.

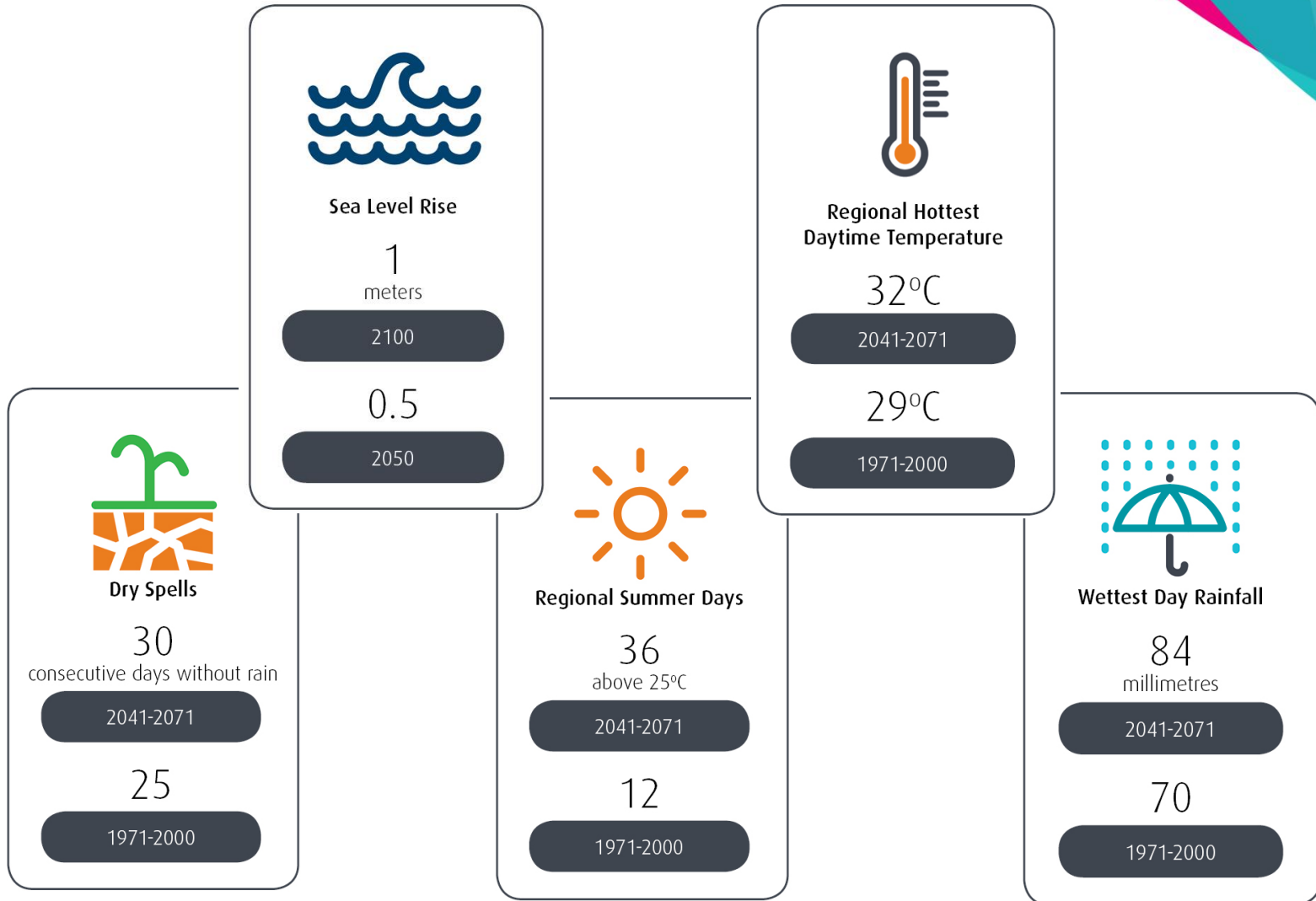
## RENEWABLE

**RENEWABLE** - We will shift to renewable energy sources to power our remaining energy needs.

## RESILIENT

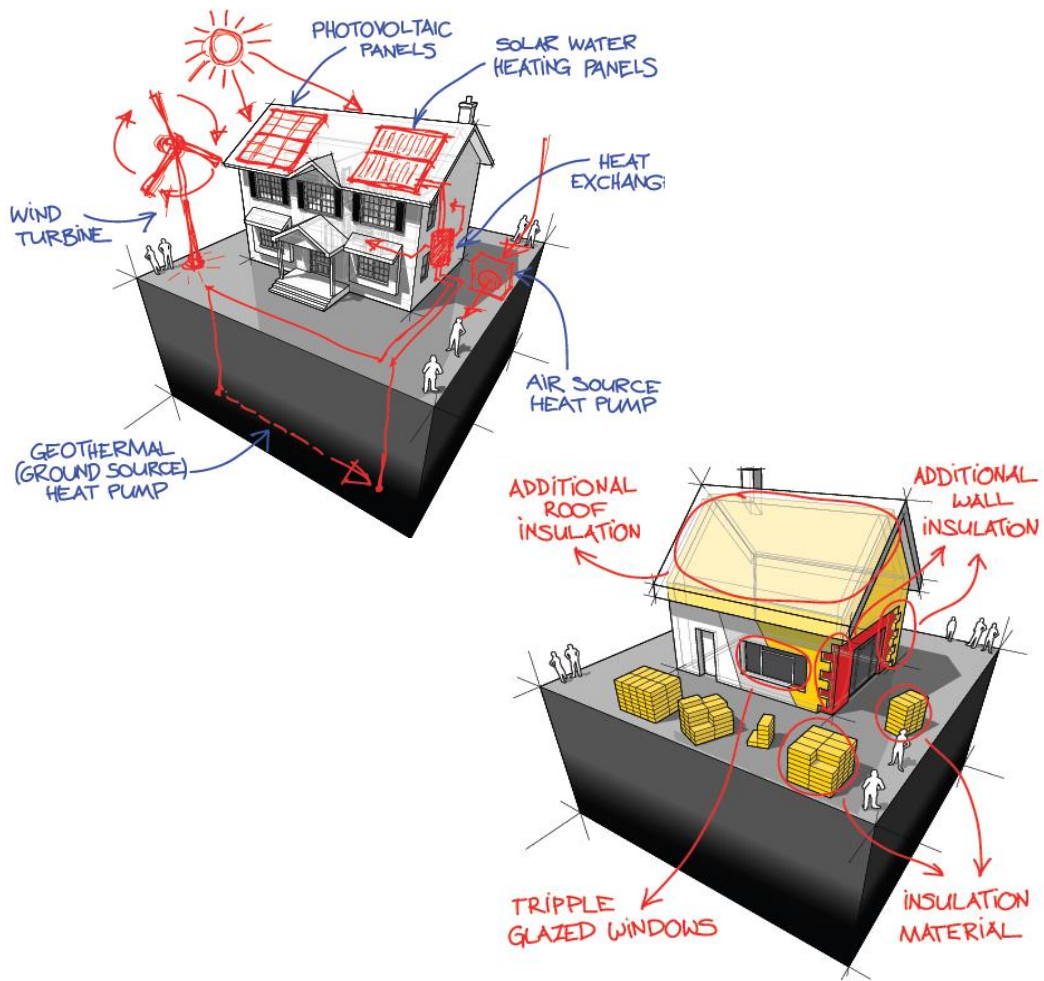
**RESILIENT** - We will design a responsive community that is prepared for a changing climate.

# WHAT ARE THE RISKS?



# ACTION AREAS

1. Transportation
2. Buildings
3. Consumption & Waste
4. Food & Agriculture
5. Leading By Example



SAANICH ALREADY USES RENEWABLE ENERGY AND OUR GRID ELECTRICITY IS CURRENTLY 97% RENEWABLE



Saanich

# CALL TO ACTION!

- Take the Survey!
- Read the Backgrounder
- Join the One Planet Saanich and develop your own One Planet Action Plan

[www.Saanich.ca/climateplan](http://www.Saanich.ca/climateplan)



**Saanich**