



# CUMBERLAND'S Climate Action Plan

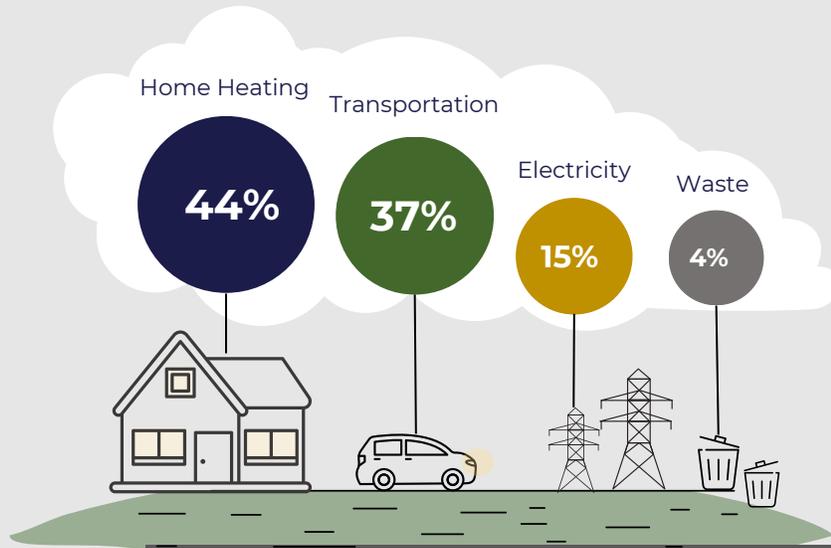
## FOR 2030 & 2050

In the face of a changing climate, our town is stepping up to protect what we love. We are making smart investments in our shared future and taking bold actions to reduce our contribution to climate change. From enhancing the resiliency of people and places, to saving resources such as water and energy - climate solutions can bring value to everyone in our community.

**Cumberland's Climate Action Plan is our roadmap to make it happen.**

### OUR EMISSIONS

The first step in tackling our emissions is knowing where they come from. In Cumberland most of our GHG emissions come from heating our homes and businesses, commuting in gas powered vehicles, using electricity in our buildings, and a smaller portion from disposing of waste.



Data from Cumberland Greenhouse Gas Emissions Inventory, 2019

# 79%

**OF OUR EMISSIONS COME FROM RESIDENTS – OUR GREATEST OPPORTUNITY FOR BOLD ACTION.**

### OUR GOALS

Achieve a carbon neutral Town and MSAD 51  
Reduce residential GHGs 50% **2030**

**2050** Town and community reach climate neutral, aspire to be Climate Positive

### ? CLIMATE POSITIVE

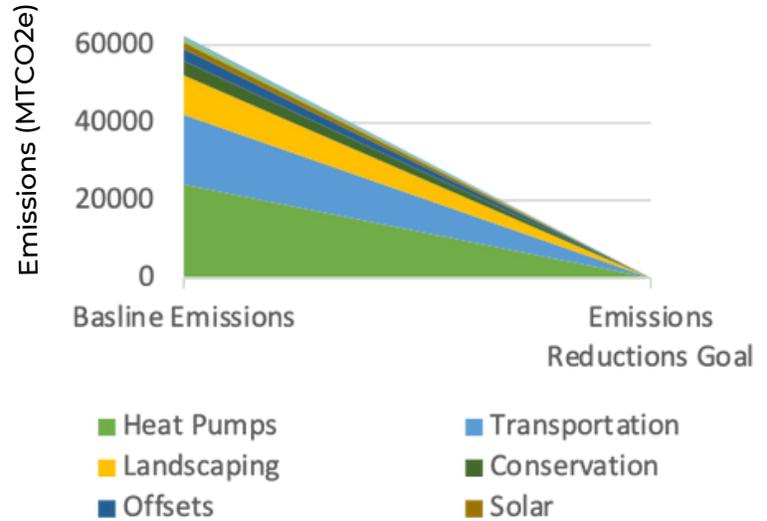
"Climate positive" means going a step further than carbon neutral, by saving MORE emissions than we are generating. This is possible in if all households in town adopt the actions in this Plan, such as switching their home and cars to electric.

# OUR PROGRESS

## Action Report for 2022

### THE IMPACT OF OUR ACTIONS

Our CAP is a roadmap to achieve net zero emissions by 2050, going beyond the State's goals. To do this, we need to take actions that have big emissions reduction impact like electrifying our buildings and cars and supporting sustainable landscaping practices.



55

Solar PV system permits issued for solar already installed at homes

206

New heat pumps already installed, approximately 10% of single-family homes in town

9

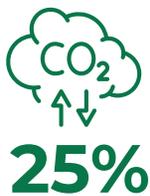
New electric vehicle (EV) charging stations installed at homes

**Bold actions are called for, and ambitious, innovative, and pioneering approaches are required**

### GOALS

- Retrofit 80% of homes with heat pumps by 2030
- Achieve EV/PHEV adoption in 80% of households by 2050

### BY THE NUMBERS



Reduction in GHGs from Town operations and MSAD 51 since 2015 from actions such as installing solar and making efficiency upgrades.



617,000

Kilowatt hours (kwh) of energy produced at the town solar array annually. That is equivalent to avoiding emissions from 55 homes – each year!



Of total land is in conservation, and we have a target to conserve 30% of land in town by 2030.