

# Ashland's Climate and Energy Action Plan

...

Powered by Community



# Why does the CEAP exist?

To support Ashland's Climate Vision  
...for 2050 is to be a resilient community that has  
zero net greenhouse gas emissions, embraces equity,  
protects healthy ecosystems, and creates  
opportunities for future generations.

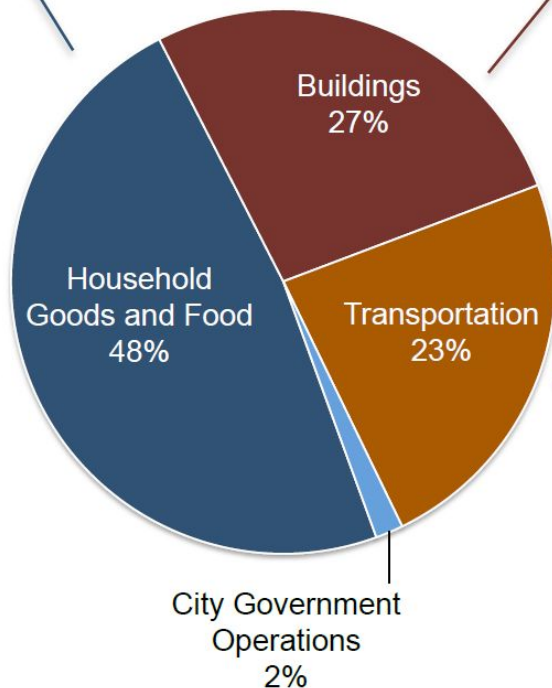
# How was Ashland's climate created?

- The CEAP is an ongoing, multi-year process
- 2015 - Citizen planning committee (1.0)
- 2016 - Plan development
- 2017 - Plan adoption, Climate Recovery Ordinance
- 2018 - Citizen implementation committee (2.0), Staffing
- 2019 - Conservation and Climate Outreach Commission / Climate Policy Commission

# Ashland's Climate Altering Emissions

Goods and Food  
160,000 MT CO<sub>2</sub>e

- Manufacture of goods and food (from inside and outside the region) consumed by Ashland residents
- Freight transport of goods and food
- Waste management systems



Buildings

90,000 MT CO<sub>2</sub>e

- Fossil fuels used to generate electricity consumed in Ashland
- Natural gas use by Ashland households and businesses
- Refrigerant leakage from air conditioning systems

Transportation

80,000 MT CO<sub>2</sub>e

- Passenger vehicles
- Local freight
- Public transit (buses)
- Air travel

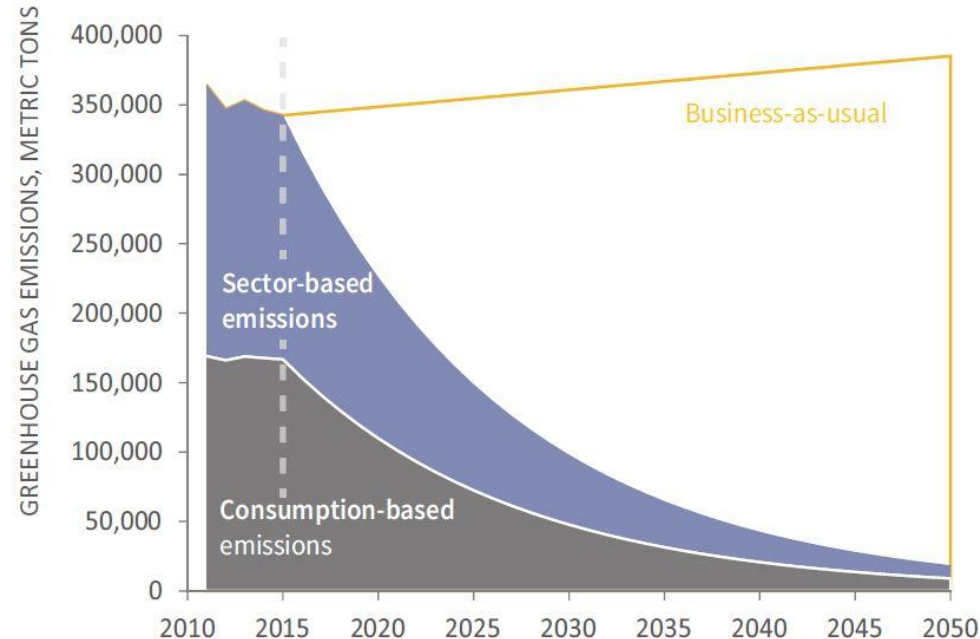


# Overall Goals

1. Dramatically reduce our climate pollution
  - a. Community - 8% annual avg
  - b. Municipal operations
    - Carbon neutral by 2030
    - 50% fossil fuel by 2030
    - 100% fossil fuel by 2050
2. Prepare our community for climate impacts.

## ASHLAND'S TARGETED GHG EMISSIONS

8% per year average reduction in total emissions



# Overarching Strategies

- Transition to clean energy.
- Maximize conservation of water and energy.
- Support climate-friendly land use and management.
- Reduce consumption of carbon-intensive goods and services.
- Inform and work with residents, organizations, and governments.
- Lead by example.

# Strategies for Efficient Buildings and Renewable Energy

- BE-1. Support cleaner energy sources.
- BE-2. Encourage increased building energy efficiency.
- BE-3. Maximize efficiency of City facilities/equipment and operations.
- BE-4. Improve demand management.
- BE-5. Prepare and adapt buildings for a changing climate.



# Strategies for Low Carbon Transportation and Land Use (ULT)

1. Support better public transit and ridesharing.
2. Make Ashland more bike and pedestrian friendly.
3. Support more efficient vehicles.
4. Support more climate-ready development and land use.
5. Increase the efficiency of City fleet vehicles and employee commuting.





# Strategies for a Zero Waste Economy (CM)

1. Reduce consumption of carbon-intensive goods and services.
2. Support sustainable and accessible local production and consumption.
3. Expand community recycling and composting
4. Reduce food waste.
5. Improve sustainability of City operations and purchases.



# Strategies for Healthy Ecosystems (NS - Natural Systems)

1. Promote ecosystem resilience.
2. Manage and conserve community water resources.
3. Conserve water use within City operations.



# Strategies for Public Health and Safety (PHSW)

1. Manage landscapes to minimize climate-related health impacts.
2. Promote a sustainable local economy that minimizes emissions and vulnerability.
3. Optimize City services to minimize public health impacts.
4. Optimize City services to minimize public safety impacts.



# Strategies for an Informed Community (CC)

1. Educate and empower the public.
2. Educate and empower City staff.
3. Mainstream and integrate climate considerations.
4. Engage with other governments and organizations around regional, statewide, national and international climate policy and action.





# Adapt your home!

## Four pillars of home adaptation

- Be ready
- Get efficient
- Electrify most everything
- Harness renewables





# Thank you!

<contact info>

Ashland's Climate Vision for 2050 is to be a resilient community that has zero net greenhouse gas emissions, embraces equity, protects healthy ecosystems, and creates opportunities for future generations. For more information please see:

[ashland.or.us/climate](https://ashland.or.us/climate)