

ASHLAND CONSERVATION AND CLIMATE OUTREACH COMMISSION

Meeting Agenda

September 25, 2019 – 6:00 to 8:00 PM

Community Development Building, Siskiyou Room, 51 Winburn Way

1. (6:00) - **Call to Order**
2. **Consent Agenda**
 - 2.1. August 28, 2019 Meeting Minutes
3. **Announcements (10 min)**
 - 3.1. Next Regular Meeting: October 23, 2019
 - Reschedule December 18 Meeting
 - 3.2. Upcoming Sub-committee meetings
 - 3.3. Other Announcements from Commissioners
4. (6:10) - **Public Forum** to be evenly divided by public wishing to speak (10 min)
5. (6:20) - **Reports/Presentations (35 min)**
 - 5.1 Carbon Sequestration (30 min)
 - 5.2 Council and Administration Update (5 min)
6. (6:55) **Old Business (30 min)**
 - 6.1. Commission Monthly Column in Sneak Preview (5 min)
 - Approve Article

Month Published	Article	Assigned To	Due for Packet	Due to Sneak Preview (staff)	Approved?
August	Love Your Water & Your Landscape	Smitherman	Jun. 17		Yes
September	Virtual Net Metering in Ashland	Green	Jul. 15		Yes
October	Closing the Climate Gap	Koopman		Sept. 16	Yes
November	Leaves and Composting Options	Rosenthal	Sept. 16	Oct. 14	
December	CPAC Joint Commission Article	McGinnis/CPAC	Oct. 14	Nov. 18	
TBD – Rogue to Go, Straws on Demand, Juicebox Electric Car Charger, and Addressing Consumption Emissions					

- 6.2. Sub-committee updates (25 min)
 - 6.2.1 Water (6 min)
 - 6.2.2 Waste Prevention (6 min)
 - 6.2.3 Air Quality (6 min)
 - 6.2.4 Marketing and Outreach (6 min)
7. (7:25) - **New Business (30 min)**
 - 7.1. Annual Report to Council (10 min)
 - 7.2. Approval of Actions to Mitigate/Adapt to Climate Change Handout (5 min)
 - 7.3. Neighborhood Presentations (15 min)
8. (7:55) - **Wrap Up (5 min)**
 - 8.1. Review of Action Items
 - 8.2. Items to be added to next agenda
 - Debrief on State Laws (after legal review)
 - Public Meeting, Records, and Ethics Presentation

Conservation and Climate Outreach Commission

The purpose of Ashland's Conservation and Climate Outreach Commission is to support the achievement of Ashland's Community Climate Recovery Goals and conservation activities. The Commission shall actively encourage Community entities and individuals to make wise use of resources and make progress toward Ashland's Community Climate Goals as set forth in the most current City Council approved version of the Climate and Energy Action Plan.

The Conservation and Climate Outreach Commission consists of nine voting members including one representative each from the solid waste franchisee for the City, Southern Oregon University, and the Ashland School District, and six other voting members.

Powers and Duties Generally:

- A. Consistent with City policies and procedures, educate and advocate for Ashland's Community Climate Recovery Goals
- B. Consistent with the Climate and Energy Action Plan, make recommendations on strategies, actions, and programs related to the wise and efficient use of resources by all Ashland citizens, including:
 - a. Consumption of goods and services;
 - b. Materials management, waste prevention, reduction, and recycling;
 - c. Conservation and efficient use of electricity, water, and natural resources;
 - d. Promotion of community, residential, and commercial renewable resources;
 - e. Air quality awareness; and
 - f. Climate resilience and preparedness.

DRAFT MINUTES FOR THE CONSERVATION COMMISSION

Wednesday, August 28, 2019

Siskiyou Room, 51 Winburn Way

1. (6:00) Call to Order

Vice Chair Marion Moore called the meeting to order at 6:00 p.m. Commissioners Risa Buck, Larry Cooper, Marni Koopman, Jamie Rosenthal, and Bryan Sohl were present. Staff Liaison Adam Hanks was also present. Absent were Council Liaison Julie Akins, Commissioners James McGinnis and David Sommer, and Staff Liaison Stu Green.

2. (6:00) Consent Agenda

2.1. July 24, 2019 Meeting Minutes

Sohl commented that Koopman was absent from the July meeting which was not reflected in the minutes. Buck/Cooper moved to approve the minutes with Sohl's changes. Further discussion: none. All Ayes. Motion passed unanimously.

3. (6:01) Announcements

3.1. Next Regular Meeting: September 25, 2019

Rosenthal will be late to the next two monthly meetings. Hanks will be absent for the September meeting.

3.2. Upcoming Sub-committee meetings

The Outreach Sub-committee will have a meeting on Thursday, September 5 at 3 p.m. at the Geos Institute, 84 4th Street. The Commissioners discussed the meetings for November and December previously changed to the 13th and 18th, respectively. All present members are okay with November 13, but will revisit the December meeting in September.

3.3. Other Announcements from Commissioners

Rosenthal announced that the Jackson County Master Recyclers course starts on Tuesday, September 24 and will continue every Tuesday for six weeks. The course is held at Rogue Disposal's office in Medford. Buck stated that she had recently tried eating insects as a source of protein and endorsed them as an alternative to livestock. Koopman reminded the Commission that Friday, September 20 is the walk out for climate action. Local climate groups will be extending the event to continue throughout the week. Cooper announced that Greta Thunberg has arrived in the U.S. to speak towards climate action.

4. (6:12) Public Forum

Louise Shawkat, Ashland, OR – announced the climate walk out on September 20 will start on the plaza continuing to the Butler Bandshell until 3:30 p.m. before heading to Medford. Shawkat also spoke to the lack of large solar arrays within Ashland and how it relates to the 10 by 20 Ordinance, needing to work on more than electric vehicle (EV) incentives to reduce carbon footprints, and gas powered landscaping equipment's pollution and other side effects.

Julie Caldwell, Ashland, OR – with the Pachamama Alliance which is also a part of the September 20 walk out. She is also the founder of Emerging Futures Youth Network which was awarded grants through the City of Ashland and Oregon Department of Environmental Quality (DEQ). The non-profit will use these funds for a full time staff member to assist with engaging residents and food professionals about reducing food waste.

5. (6:17) Reports/Presentations

5.1 Council Liaison Update

Hanks gave the Council update which included discussion of Council Liaison roles and upcoming Council meeting topics, such as, the Ashland Canal Project, Waste Water Treatment Plant Water Quality Temperature Trading, City Hall, and the Water Treatment Plant final engineering.

5.2 City Operations/Administration Update

- Plastic Wrap of Marketing Materials

Hanks described his previous memo and has discussed with Rosebud Media about the requirement to have an opt out list for marketing materials.

Relating back to the Council update, Cooper asked about master plans and Capital Improvement Projects (CIP) having carbon footprint calculators included solicitations. Hanks stated that if the Commission is interested they can direct staff to write a letter to Council for the Commission about specific projects.

Buck with the help of Cooper and Koopman/Cooper moved to approve a letter of recommendation that staff will comply on behalf of Commission that a Greenhouse Gas Emissions analysis with the Climate and Energy Action Plan (CEAP) goals taken into consideration for the contract approval for the Water Treatment Plant final engineering acknowledging that the Climate Policy Commission (CPAC) has not started meeting therefore cannot make a recommendation. Further discussion: none. All Ayes. Motion passed unanimously.

- 10 by 20 Ordinance

Hanks gave an update in July on the Ordinance and said that a Study Session will be held off until the revenue work group can look further into financing options.

- Idling Ordinance

Hanks read and explained the idling ordinance in Chapter 11 of the Ashland Municipal Code (AMC). Limitations of the ordinance are that it only applies right of ways and public parking lots. Enforcement mainly occurs downtown as the parking enforcement is centered there. Buck asked if the City could be more proactive with signage and education, especially with businesses and the Ashland School District (ASD). Hanks informed the Commissioners that ASD has faced the obstacle of signage cost and installation staff. The City had discussed with ASD helping with installs if ASD covered the hard costs.

Buck expressed interest in reaching out to Ashland ACE hardware for an electric landscaping equipment demo day. The Commissioners agreed and encouraged Buck to move forward. Hanks stated the Conservation Division bought the Parks Department electric landscaping equipment and the Department has purchased more since.

- DEQ Materials Management Grants

Hanks announced the grants and encouraged anyone to apply by the October 4 deadline.

6. (7:07) Old Business

6.1. Commission Monthly Column in Sneak Preview

6.1.1. Review Calendar

There was some discussion of the Rogue to Go article being released in November. Because of conflicts with the Leaves and Composting article, it was decided have a feature article in the Sneak Preview for Rogue to Go in November instead of utilizing the Conservation Corner.

6.1.2. Discussion on Continuing

None.

6.2. Sub-committee updates

6.2.1 Water

Buck announced that Julie Smitherman, Water Conservation Analyst, had her Laundry to Landscape course with Greywater Action. Upcoming water events and courses include:

- Imagine a Day Without Water (October 23)
- Ashland's Water: Where Does It Come From and Where Does It Go? (October 22)
- Introduction to the Laundry to Landscape Greywater System (October 23)
- Tour of Ashland's Water Treatment Plant and Reeder Reservoir (October 23)
- Waste Water Treatment Plant Tour (October 24)
- Stormwater Management (October 24)
- Rainwater Catchment System Design (October 26)

Information and registration details can be found in the Ashland Parks and Recreation Play Guide.

6.2.2 Waste Prevention

Buck updated that the "Rogue to Go" reusable take out box pilot program has confirmed all five participating businesses. The approval for the purchase of materials is set to go to Council on September

3. Rosenthal has written an information piece for the City Source on Senate Bill 90, which prohibits businesses from providing single-use plastic straws unless they are requested.

6.2.3 Air Quality

As stated before, Buck will be organizing with Ashland ACE Hardware for an electric landscaping equipment demo day.

6.2.4 Marketing and Outreach

Moore passed out a document titled “Actions for Individuals to Mitigate/Adapt to Climate Change” (attached). This will be handed out when giving community presentations. Feedback was requested from the Commissioners before the final design comes back from final approval. Moore is working with a member of Pachamama Alliance for the possibility of a climate website to promote events and CEAP. Cooper will continue with the climate stories videos (more discussion below).

6.3 Public Meeting Law

Hanks stated the highlights of the Public Meeting and Public Records Law: commissioners are subject to these laws although not always extensively as the Council and staff members, public records law does include personal emails used for Commission business (best practice is to copy the Staff Liaisons on all emails to be included on the City email server and backups), quorums, and Sub-committees versus work groups. Discussion will continue when the Chair is present.

7. (7:27) New Business

7.1. Annual Report to Council

Previously, the Commission has highlighted their previous work and goals for the future. The City Administrator is now reviewing all reports either in person or in writing. Discussion surrounded using the previous report as a template and adding in the new format of the Commission, outreach of CEAP, and other projects. Because of the short time frame the Commission decided to move the presentation from September 3 to the October 15 Council meeting. Buck will find the previous report and Hanks will compile a list of new items for approval at the September meeting.

7.2. Climate Stories Script Approval

Cooper introduced the script for the climate stories video. The videos will be four to five-minutes long and will focus on locals making a difference in regards to climate action. The video will serve as an outreach to the community and was outlined in the Empower Ashland plan. Buck will be the first subject with her sustainable home. A script was included in the packet for approval. Koopman/Sohl moved to approve the script as a general concept for the first video. Further discussion: none. All Ayes. Motion passed unanimously.

7.3. Conservation Commission Website Update Discussion

The Commissioners were interested in having previous Sneak Preview articles and the annual presentations to Council included on the website. Staff will update the purpose and name when the new ordinance goes into effect.

Hanks’ staff update continued with announcing that Go Forth (formerly Drive Oregon) will be having an EV test drive on First Friday in October (October 4). The ScienceWorks solar trackers utilizing virtual net metering to link seven to ten utility accounts to the installation. Workplace charging incentives for Commercial Utility Accounts will be available in the form of rebates.

8. (7:53) Wrap Up

8.1. Items to be added to next agenda

- Debrief on State Laws (after legal review)
- Public Meeting and Records law (TBD)
- December Meeting Scheduling (September)
- Actions for Individuals to Mitigate/Adapt to Climate Change (September)
- Annual Report to Council (September)

Vice Chair Moore adjourned the meeting at 7:56 p.m.

Actions for individuals to mitigate/adapt to climate change

Big ticket items

Buy electric: automobiles, HVAC systems, water heaters, dryers, ranges. Natural gas is a fossil fuel, stop using it.

Buy Energy Star certified products when possible

Upgrade: refrigerators (after 10 years of use); HVAC systems; washing machine (front loaders more efficient)

Install solar panels

Buy and install LED light bulbs

Have an energy audit of your home to see if weatherstripping and insulation are adequate; repair or replace as needed

Have a water conservation audit done and make suggested changes

Install double-pane windows

install blinds or drapes to insulate windows

Stop or cut back on airline flights

Plant more trees

Daily items

Drive less (stay home; walk; bike; ride the bus; ride share)

If you drive, avoid idling, and drive smoothly at lower speeds to reduce fuel use

Buy locally made and locally sourced products

Buy locally grown food

Buy **ONLY** what you need. Buy less stuff!

Buy used products if possible

Buy high quality goods that will last.

Minimize plastic in what you buy (including packaging)

Repair and mend, rather than buy

Set thermostat to 67 for heating, 76 for cooling

Eat less meat and dairy products

Eat seasonally

Laundry: stop or decrease use of a dryer; use less hot water

Lower the heat setting for hot water heater

Stop using disposable items (water bottles, coffee cups, shopping bags, etc.)

Stop using plastic produce bags

Wash and re-use plastic bags (if you feel you need to use them)

Buy recycled paper products (tissue, towels, printer paper, etc)

Opt out of catalogs (catalogchoice.com)

Opt in to paperless billing

Ask for "no receipt"

TALK TO OTHERS: what needs to be done? what are you doing?

Ashland City Council

Future Meeting Schedule

***** DRAFT AND SUBJECT TO CHANGE*****

Meeting Topic		Departments Responsible	Lead Staff
9/30	Study Session		
1	City Hall Discussion	Public Works	Paula Brown
2	Building Permit Fee Scheduled - Proposed Changes	Comm Dev	Bill Molnar
10/1	Regular Council Meeting		
3	Proclamation for Indigenous People's Day	Administration	Mayor Stromberg
4	Annual Presentation by the Public Arts Commission	Comm Dev	Aaron Anderson
5	ECSO Radio Bond Presentation	Police	Tighe O'Meara
6	Street Name Change Request	Public Works	Scott Fleury
7	Contract Approval for Water Treatment Plant Final Engineering	Public Works	Paula Brown
8	Amendment to AMC 2.04.020, Extending Council Meeting Time	Administration	Kelly Madding
10/14	Study Session		
9	RVTD Transit Enhancements Presentation	Public Works	Scott Fleury
10	SORED Update on Regional Strategy	Administration	Adam Hanks
10/15	Regular Council Meeting		
11	Annual Presentation by the Conservation Commission	Administration	Adam Hanks
12	Initiation of an Amendment to the Land Use Ordinance - Public Space	Comm Dev	Bill Molnar
13	City Hall Discussion	Public Works	Paula Brown
14	Council Rules	Legal	David Lohman
15	Resolution to Terminate the Waterline Road Local Improvement District and Repeal Resolution 1999-19	Public Works	Paula Brown

Ashland City Council

Future Meeting Schedule

***** DRAFT AND SUBJECT TO CHANGE*****

Meeting Topic		Departments Responsible	Lead Staff
11/4	Study Session		
16	First Quarter Financials	Finance	Kelly Madding
11/5	Regular Council Meeting		
17	Annual Presentation by the Housing and Human Services Commission	Comm Dev	Linda Reid
18	Ashland Canal Project	Public Works	Paula Brown
11/18	Study Session		
11/19	Regular Council Meeting		
19	Engage Ashland Fall 2019 Presentation	Administration	Kelly Madding
20	Kendrick Annexation	Comm Dev	Bill Molnar
12/2	Study Session		
12/3	Regular Council Meeting		
21	Annual Presentation by the Planning Commission	Comm Dev	Bill Molnar
22	Statistical Transparency of Policing (STOP) Data Review	Police	Tighe O'Meara
12/16	Study Session		
12/17	Regular Council Meeting		
1/6	Study Session		
1/7	Regular Council Meeting		
1/20	No Study Session - Closed for MLK Jr. Day		
1/21	Regular Council Meeting		

Got Leaves?

By Jamie Rosenthal

We've all marveled at the vibrant colors of Fall leaves. We've held them, raked them, and sought their shade. Since leaves are nearly everywhere this time of year, it's also easy to overlook them, and forget about their tendency to clog our storm drains.

Contrary to popular belief, street sweeping is not a community wide leaf pick-up program. The Conservation Commission would like to remind property owners that they are responsible for removing and disposing of fallen leaves on their property and adjacent sidewalks. Property owners should not blow or rake leaves into the street or right of way.

Compostable bags for the collection and disposal of leaves are available for purchase from Recology Ashland at 170 Oak Street. The biodegradable bags cost \$14.50 for a set of five which includes curbside pickup of the bags by Recology Ashland. Each bag is nearly three feet tall and can hold up to 35 pounds of leaves.

The compostable bags, for leaves only, will be picked up on recycling pickup days. Customers who do not pay for Green Debris service need to call Recology Ashland to schedule the pickup of their full bags. Any leftover bags can be used at any point in the year.

Recology's prepaid leaf bag program is an opportunity for those who are unable to take advantage of the two free Sunday leaf collection days (Nov 3rd, and Dec 8th) at the Ashland Recycling Center on 220 Water Street from 9:00am – 4:00 pm. On those days, please arrive prepared to empty your bags of leaves on your own, and take your bags back home with you.

Keeping leaves out of the street is a simple but important action we can all take to help improve water quality in our streams. The distance between your yard and the water's edge is as close as the nearest storm drain or ditch. Everyone can help maintain the health of our streams by keeping leaves out of the street and storm drains. For more information on these programs, please call Recology Ashland at 541-482-1471 or visit <https://www.recology.com/recology-ashland/>.

Meeting of Outreach Subcommittee, Conservation Commission

Sept. 5, 3 pm at Geos Institute, 84 4th St, Ashland, OR

Commission Members attending: Larry Cooper, Marni Koopman, Marion Moore

Staff attending: Stu Green

Members of public attending: Huelz, Howard Schreiber, David Spinney

Discussion on Larry's video:

Howard is the person who is helping Larry with the videos.

Larry would like to create an introduction and conclusion for this video, that could be used for all subsequent videos.

The plan is to make the videos generally available on vimeo or youtube.

David suggested videos should address: what was done? Why was it done? How does the person who did it feel about it?

For future videos and subjects, Stu recommends look at adaptation as well as mitigation. Marni suggested Ken Crocker might be a good subject.

Discussion on Marion's list of individual actions:

Stu suggested organizing and prioritizing according to 4 general categories in the City of Ashland CEAP website he's working on.

Ideas behind Eco Challenge could be used to stimulate ongoing groups: have a prize for meeting challenges!

Discussion with David Spinney:

He is working with Southern Oregon Drawdown group. He is in touch with Oregon DEQ; they'd like to set up a website "Climate Oregon" with info specific to various cities/towns. David would like to set up an Ashland part of the website that would be a template for other locations. This site would be independent of the City of Ashland, but could be supported by the city. David has access to a website host. Marion, and possibly Marni, will keep in touch with David's progress, and possibly help out. He'd love to use the videos Larry and Howard are producing.

Conservation Commission 2018 Annual Report to Council Preparation
From the August 2018 minutes

Beigel-Coryell announced the presentation to Council is set for the September 4th regular business meeting. Hanks presented members with presentation information from last year. Beigel-Coryell asked if there were any new items were wanted to be part of the presentation. Items interested by members included:

- Straws on Demand pilot program
- Bottles & Cans Baskets

Hanks will get total number installed within the City.

- Gray water and laundry landscape workshops
- Conservation Corner in Sneak Preview

Hanks proposed that they compile previous articles published for the Council communication packet.

- Acknowledge CEAP 2's work and cross over with Conservation Commission

If members have any additional ideas for the presentation, they can email Beigel-Coryell.

A C T I O N S

**for Individuals
to Mitigate/
Adapt to**

CLIMATE CHANGE

**ONE TIME
ACTIONS**

- **Be Prepared**—for Emergencies.
- **Buy Electric**—automobiles, HVAC systems, water heaters, dryers, ranges. Natural gas is a fossil fuel, stop using it.
- **Stop or Cut Back on Airline Flights.**
- **Buy Energy Star**—certified products when possible.
- **Upgrade**—refrigerators (after 10 years of use), HVAC systems, washing machine (front loaders more efficient).
- **Install Solar Panels**—or participate in community solar via Virtual Net Metering (ashland.or.us/vnm)
- **Buy and Install LED Light Bulbs.**
- **Have an Energy Audit**—of your home to see if weather-stripping and insulation are adequate; install, repair or replace as needed. Go to ashland.or.us/energyprograms for audit information.
- **Switch** to electric or manual landscaping tools.
- **Have a Water Conservation Audit**—and make suggested changes. Go to ashlandsaveswater.org for suggestions and tips.
- **Install Low-Flow**—water valves for showers and other water faucets.
- **Collect and Use Rainwater**—for landscape watering.
- **Install Double-Pane Windows.**
- **Install Blinds or Drapes**—to insulate windows.
- **Plant More Trees.**

A C T I O N S

**for Individuals
to Mitigate/
Adapt to**

CLIMATE CHANGE

**DAILY
ACTIONS**

- **Drive Less**—stay home, walk, bike, ride the bus, and/or ride share.
- **Avoid Idling**—if you do drive and drive smoothly at lower speeds to reduce fuel use.
- **Buy Less**—and only what you need.
- **Buy Local**—both made & sourced products.
- **Buy Local Grown Food**—search for local farms and farmer’s markets.
- **Buy Used**—products, if possible.
- **Buy High Quality**—products that will last longer.
- **Minimize Plastic**—in what you buy including the packaging.
- **Share, Repair and Mend**—rather than buy.
- **Adjust the Thermostat**—to 67° F for heating, 76° F for cooling.
- **Eat Less Meat and Dairy Products.**
- **Eat seasonally.**
- **Laundry**—stop or decrease use of a dryer; use less hot water.
- **Lower the Setting**—for the hot water heater.
- **Stop Using Disposables**—including water bottles, shopping bags, etc.
- **Wash and Re-Use Plastic Bags**—if you feel you need to use them.
- **Buy Recycled Paper Products**—tissue, towels, printer paper, etc.
- **Opt Out of Catalogs**—check out catalogchoice.com.
- **Opt In**—to paperless billing.
- **Ask for No Receipt**—opt out of receipts or opt into paperless.
- **TALK TO OTHERS**—What are you doing? What needs to be done?

Ashland's Climate and Energy Action Plan



Powered by Community



Why does the CEAP exist?

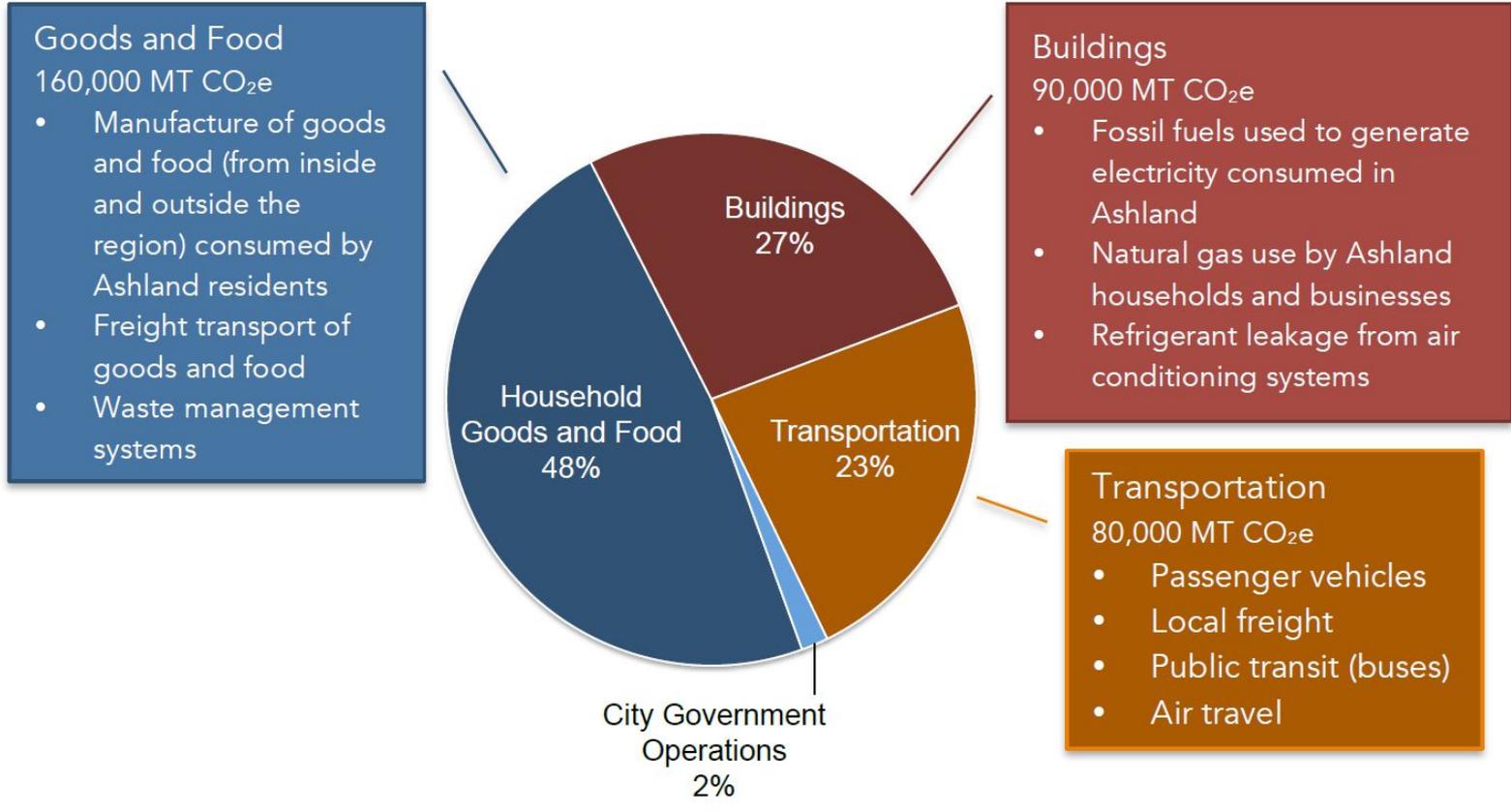
To support Ashland's Climate Vision

...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?

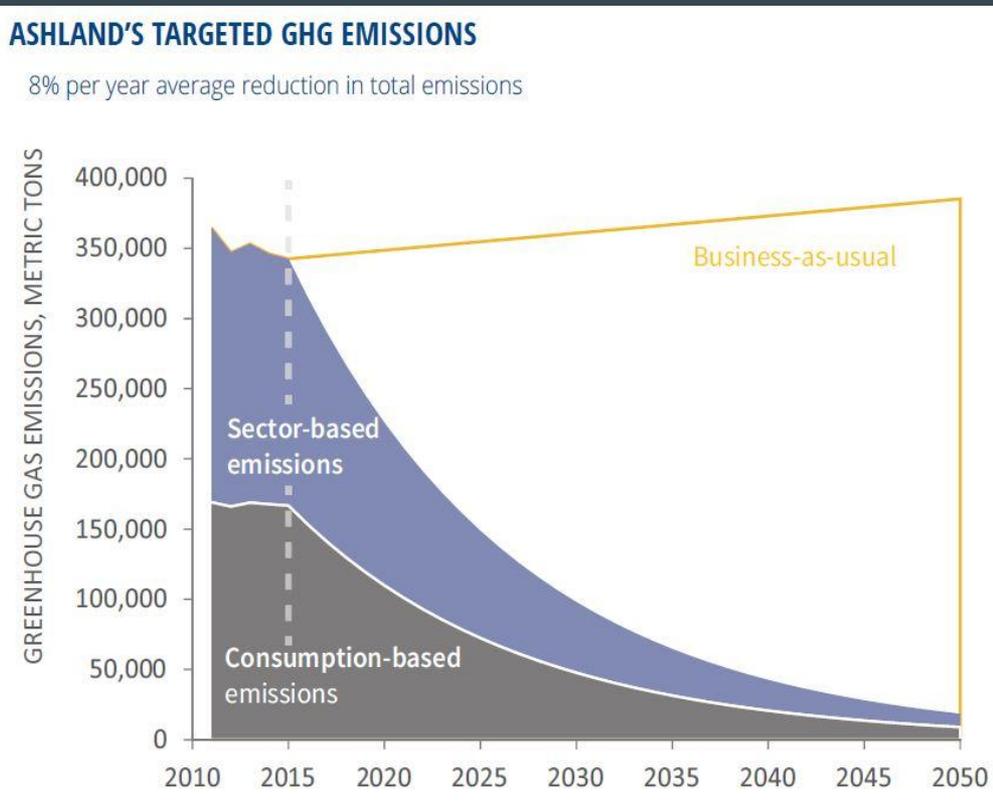
- The CEAP is an ongoing, multi-year process
- 2015 - Citizen planning committee (1.0)
- 2016 - Plan development
- 2017 - Plan adoption, Climate Recovery Ordinance
- 2018 - Citizen implementation committee (2.0), Staffing
- 2019 - Conservation and Climate Outreach Commission / Climate Policy Commission

Ashland's Climate Altering Emissions



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.



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://www.ashland.or.us/climate)