



# Climate and Energy Action Plan: Baseline Public Input Summary

Cascadia Consulting Group

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[DRAFT]



# Ashland CEAP: Baseline Public Input Summary

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## Introduction

Development of the City of Ashland's Climate and Energy Action Plan includes an open and inclusive public involvement process with ample opportunities to inform and involve the community. This public input summary document provides a high-level overview of notable trends, opinions, and priorities as revealed through public engagement activities to date, including Climate Week, an online survey, and in-person comments and station exercises at the initial open house.

The initial open house for the Ashland Climate and Energy Action Plan (CEAP), held on May 24, 2016, was intended to capture the community's ideas and priorities for climate mitigation and adaptation action in Ashland. Specifically, objectives of the open house were to provide the public with an opportunity to do the following:

- Learn about the outcomes from the greenhouse gas inventory and climate trends summary
- Learn about the CEAP project's purpose and benefits, including how it builds on past efforts
- Understand points for public input through the process and how the input will be used
- Provide input on the following aspects of the CEAP:
  - What was surprising from the inventory and what was not
  - Sectors or strategies of highest priority
  - What Ashland is already doing well and what could be improved
  - Ideas for actions to address energy and climate issues

The input compiled from this open house will be used—along with input from City staff and the Climate and Energy Action Plan's ad-hoc committee—to help identify recommendations for priority actions in the plan. As part of this process, potential actions will also be carefully evaluated with regard to agreed-upon metrics such as cost, effectiveness, and feasibility. Specifically, the input will be analyzed and considered in devising the CEAP's overarching goals, vision, and targets; sectors of focus; and implementation strategies and actions.

Community members were invited to provide input at the May 2016 open house through a variety of methods, including the following:

- **Open-ended comment cards.** Attendees were provided with comment cards that included space for their name, address, email address, and brief comments.
- **Online survey.** The public online survey was provided on electronic tablets (iPads) during the open house.
- **Station #1—Ashland’s Carbon Footprint.** Attendees could learn more about the city’s greenhouse gas inventory and write their reactions on sticky notes.
- **Station #2—How Climate Change Will Affect Ashland.** Attendees could learn more about the recent Ashland climate trends analysis, write their ideas for climate preparedness on sticky notes, and vote on the climate impacts that most concern them.
- **Station #3—How’s Ashland Doing?** Attendees gauged their impression of Ashland’s climate progress on a poster rating scale, and they were asked to draw or write on a mural which climate actions they are most proud of.
- **Station #4—A Shared Vision for Ashland.** Attendees wrote or drew their vision for climate action in Ashland in 2040 on an erasable whiteboard and took their picture with the board.
- **Station #5—Taking Action.** Attendees submitted ideas electronically for taking climate action in Ashland, populating a word cloud in real time on a large screen.
- **Bonus Station—Why Climate Change is Personal.** Attendees provided video testimonials of why climate change is personal to them.

In this document, input are organized by elements of the CEAP, such as vision, priorities, concerns, and actions. Detailed comments and responses are provided in the following appendices:

- Appendix A. Open House Attendee List
- Appendix B. Open House Station Responses
- Appendix C. Open House Comment Cards
- Appendix D. Outcomes from Climate Week
- Appendix E. Public Input Survey Results

## By the Numbers

<b>Number of attendees</b>	142 (90% from within zip code 97520)
<b>Number of attendees interested in receiving email updates</b>	108
<b>Number of public input survey responses</b>	92 (includes those submitted before and after the open house)
<b>Number of respondents interested in receiving email updates</b>	41
<b>Number of open-ended comments received</b>	60

## Summary of Survey Respondents

- The majority reported that they have a **competent** understanding of climate change (68%) or consider themselves **aware** of the issues (29%).
- The majority live **within Ashland city limits** (85%).
- The respondents were nearly evenly divided by **gender**: male (51%), female (46%).
- The majority of respondents were **White/Caucasian** (91%).
- The largest proportion of respondents have an **advanced degree** (47%) or **4-year degree** (29%).
- Ages were distributed as follows:

Age	Proportion of respondents
<b>17 or younger</b>	1%
<b>18-24</b>	3%
<b>25-34</b>	9%
<b>35-54</b>	19%
<b>55-64</b>	32%
<b>65+</b>	36%

## Overarching Trends

- The Ashland public sees a **strong need for ambitious action**—such as reaching a carbon neutrality or 100% renewable goal—and would like to see the community held accountable through an **ordinance**.
- **Water availability** is a top concern among climate change impacts, and **energy** and **transportation** are highest priority sectors for reducing emissions.
- The most commonly cited priority actions include enhanced **bike lanes and public transit, renewable energy requirements and incentive programs, public education and outreach**, and **water conservation programs**.
- Attendees noted a need for **diversity** and engagement of **vulnerable populations** in the public involvement process.

## Priorities and Concerns

- Survey respondents were equally concerned about **climate change mitigation** and **adaptation** (see Question 2 in Appendix E).
- The highest priority sectors for reducing greenhouse gas emissions are 1) **buildings and energy** and 2) **transportation and land use** (see Q3 in Appendix E and Station 1 in Appendix B).
- The most concerning climate impacts are 1) **changes to snowpack and water availability** and 2) **wildfire risk** (see Q5 in Appendix E and Station 2 in Appendix B).
- Open house attendees were surprised to see **consumption** contribute such a large proportion of the city's greenhouse gas emissions (see Station 1 in Appendix B).
- Other priorities and concerns include **geoengineering, equity/diversity, renewable energy, biofuels, biking/transit, behavior change and individual accountability**, and setting an **ordinance** (see Appendices B and D).

## Accomplishments

The public is proud of many activities and characteristics of Ashland, including the following:

- **Solar** energy
- **Bike** infrastructure
- Sense of **community** and engaged **youth**
- **Water conservation** programs
- **Local food**, including farmer's markets
- **Forest resiliency** project, public **parks**, and **gardens**

## Vision

Commonly heard elements of a 2030 vision for Ashland include the following (see Station 4 in Appendix B):

- On target to **meet goal** (carbon-neutral, 100% renewable energy)
- **Walk, bike, and use public transit** to get around
- Minimal **waste and consumption** through recycling, reuse, and local food production
- A thriving and sustainability **community** that **shares resources**
- Citizens take **individual responsibility** and feel **empowered** to take action
- Ashland is a **leader** in addressing climate change
- **Clean air, water, natural areas, trees**
- Smart, **energy-efficient** practices

## Goal-Setting

The public voiced the following desires regarding goals of the CEAP (e.g., see Stations 3, 4, and 5 in Appendix B):

- Many voiced a desire to set a binding **ordinance** tied the CEAP.
- **Carbon neutrality** was mentioned several times by attendees.
- Themes around setting an **ambitious** goal that sets the city as a **leader**.
- Attendees also mentioned **100% renewable energy** and **fossil fuel-free** goals.

## Actions

The most commonly cited actions include:

- Setting an **ordinance** (e.g., cited seven times at Station 5)
- Increased **renewable energy**, especially large-scale **solar**
- Shifting transportation modes from cars to **bikes** and **public transit**
- Ensuring that Ashland has sufficient **water resources** in a future climate
- **Educate** and encourage individual **behaviors** and action

Other specific actions mentioned include the following:

- **Biomass** energy plants
- Commercial water catchment and **greywater** systems
- Improved **bicycle and pedestrian routes**, narrower traffic lanes, central parking with a **shuttle or electronic trolley** (especially downtown)
- **Reflective roofing**
- **Bio-filtration** and constructed wetlands to address stormwater

## Appendix A. Open House Attendee List

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## Appendix B. Open House Station Responses

### Station 1. Ashland's Carbon Footprint

#### DID ANYTHING SURPRISE YOU ABOUT ASHLAND'S GREENHOUSE GAS INVENTORY?

Total responses = 19 (verbatim responses)

- I see how much meat consumption adds to emissions
- That it is so different to measure consumption
- Meat? Oh no.... Oh dear!
- Actually—that there was a category for the stuff we use and eat—let's address that!
- Yes (yikes!) Goods?!! And the fact that I need to reduce mine by 68% by 2020!
- How much personal consumption contributes to emissions
- The high percentage of residential goods
- "Residential goods" make up such a huge portion of emissions
- Residential food and goods is a huge percentage
- 10% decrease in emissions is AWESOME! Keep it up!
- Goods consumption vs. Gas consumption
- 6% decrease in GHG over 5 years
- How can marketing food products and packaging be modified to help reduce greenhouse gas emissions?
- We need to work on several sectors not just energy use. Build smaller homes that are passive solar. Walk, consume less.
- % g Emission due to meat eating
- The size of the residential goods slice of the pie
- Nope. I think we have an inefficient system and I'd like to see us better it
- "Residential goods"- How to lower that??
- How can we as a city, convince/educate us citizens to CONSUME less? This seems central.

### WHICH RESULTS FROM THE INVENTORY ALIGNED WITH YOUR EXPECTATIONS?

Total responses = 16

- Residential energy and food (meat)
- Bikes rule! I suggest that in our elec bill city of Ashland newsletter you start a climate alert-not conversation-an ALERT to get people's attention to take action NOW for our KIDS!
- Personal transportation is icy
- 72,000 cars driven in 1 year. We need more public transport!
- Residential goods exceeds transportation in emissions
- Using public transit is climate changing!
- Food is a huge portion of our carbon emissions
- I knew transportation was a big emitter; polluter
- Commercial and residential energy not huge
- High % of inventory is transportation and energy sector
- That total emissions have reduced
- We, the residents are contributing the most problems
- What happened to the CarShare? How much would this program help—
- Better mass transit more convenient
- Years ago CDL Trans promoted ride share—sponsor ride share
- I didn't have any expectations since I didn't know there was an inventory

### HOW DOES THIS INFORMATION CHANGE YOUR PERCEPTION OF THE CITY'S ROLE AND PRIORITIES IN MITIGATING CLIMATE CHANGE?

Total responses = 42

- I'd like the city to help offer gray water 'packages', solar installations and community meals, along with energy saving classes
- Makes me feel that Ashland needs to take more drastic measures to decrease emissions before we reach a crisis
- Take immediate and forceful action before it is too late
- This convinces me of the merit of a legally binding plan to hold the city accountable for reducing emissions
- Our plan needs to address climate change through a socially equitable lens and represent all people of Ashland
- An opportunity to collaborate from bottom up
- We need to include and consider communities of color and low income communities who see the most adverse effects of CC and are often hurt by env policy that doesn't take the people into consideration

## APPENDIX B. OPEN HOUSE STATION RESPONSES

Ashland Climate and Energy Action Plan: Baseline Public Input Summary

- More actions on stream restoration – (floods, fish, conservation)
- More awareness throughout city (parade, marches)
- Diet change education in schools (less meat)
- Stop slash burns. Break it down to return to the Earth in a good carbon way, rather than into the air
- How are we going to manage water?
- City will have to try to impact/change household/personal choices and habits. But – “Nanny State” pushback will result!!!
- How can do this? Not only education, but clear-piercing visuals/charts/photos etc.
- We need to work intelligently to connect household choices w/ climate change – habits/consumption w/ painful/dangerous climate change
- LEGALLY BINDING PLAN!
- I hope the city walks its talk
- French Initiative “4 for 1000” - Organic Consumers Association. Many countries signed on-U.S. hasn’t, maybe Ashland could!
- We need to have a legally binding plan so we have CC mitigation as a legally prioritized plan
- Role of city is important but ambiguous. Need to know and be specific.
- City Role- To keep its citizens (who are the major local polluters) aware of how to reduce their (our) footprint
- City needs to produce 10% of its electricity from new, renewable sources by the year 2020!
- City needs to make laws—Needs to be legally binding ordinances
- Combine compost pick up efforts with Adam’s compost pickup and call Ruby’s they will have information
- I’m more positive of city willingness to ACT!
- I want to see the mayor, city council, and city staff take more of a leadership role
- Ashland is way behind other similar cities in our planning & action
- Initiate competition between neighbors by letting everyone know energy use in home around them
- We need free mini buses every 15 minutes
- Mandate thermostat settings to 65° and wear sweaters
- It makes me believe that the city needs to be Bold in its goals, and implement renewable energy production and water catchment
- Local electric bus
- Reward and commend those who change their lifestyles
- The state should require that all trucks on Rt5 get on the RR at the border
- Somehow we have to address the fear people feel about climate change so we aren’t in denial



## APPENDIX B. OPEN HOUSE STATION RESPONSES

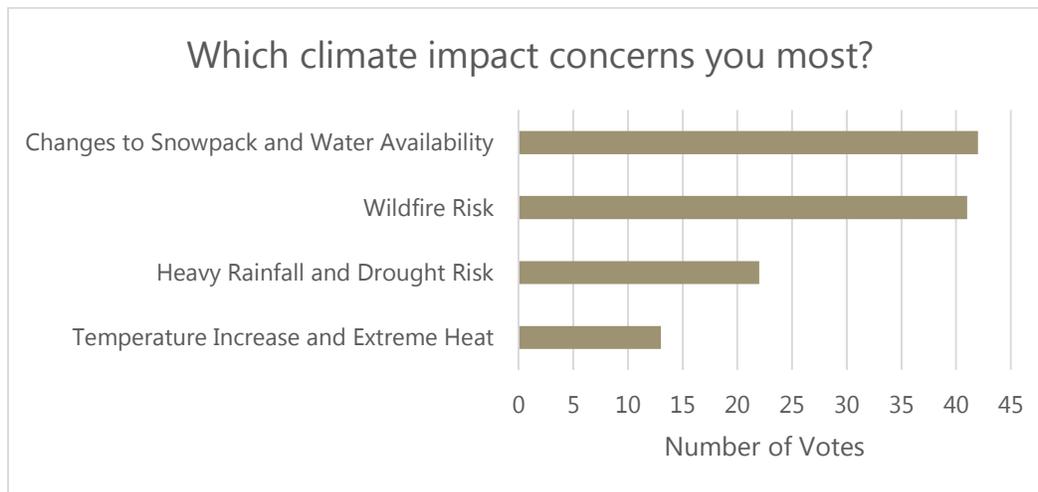
Ashland Climate and Energy Action Plan: Baseline Public Input Summary

- Info about climate change not new but high fives to city for responding
- Keep net metering fair. Promote PV roofs coupled to EV cars. Promote rain barrels
- How can the city "make" people consume less?
- To be more alarmed and willing to cooperate than ever
- City has huge role in directing citizens to take their own steps to reduce GAC and city needs public transport
- Compostable food pickups-trash pickups- I thought this was happening but not?
- See/Google Organic Consumers Association. (Projects). Urge Residents to take out lawns. Use permaculture principle to sequester carbon so we can become Carbon neutral and help w/ the global issue-ex. Bhutan

## Station 2. How Climate Change Affects Ashland

### WHICH CLIMATE IMPACTS TO THE ASHLAND COMMUNITY CONCERN YOU MOST?

Total responses = 118



### HOW DO YOU THINK THE CITY AND COMMUNITY SHOULD PREPARE FOR CLIMATE IMPACTS?

- Make adaptation and mitigation central to every city department and codify our goals
- Conserve our ecological diversity
- Electric buses, solar government buildings, legally binding climate plan
- Geoengineering the atmosphere is the primary criminal here
- Don't see how we can pick one over the other here. They each effect the other
- Change the common ground cover (esp. for SOU\* campus) to a water conserving plant-not grass. Watering grass is only aesthetic and waste
- In migration when other part of the country realize Ashland has water growth
- Make climate change a public health equity issue –poor and minorities more impacted
- Became more of a REGIONAL player on these issues—fire, water management and heat
- Focus on prevention stop doing what contributes to climate change
- Get the Public Health Dept. (Jackson County) involved to protect low-income households (living in trailers)
- We need to know the truth. Please research and establish what the white lines (over 24 today) in the sky. Is this good or bad for the climate or us?
- Water conservation-serious program to reduce our base demand including tracking water needs to fish and wildlife

## APPENDIX B. OPEN HOUSE STATION RESPONSES

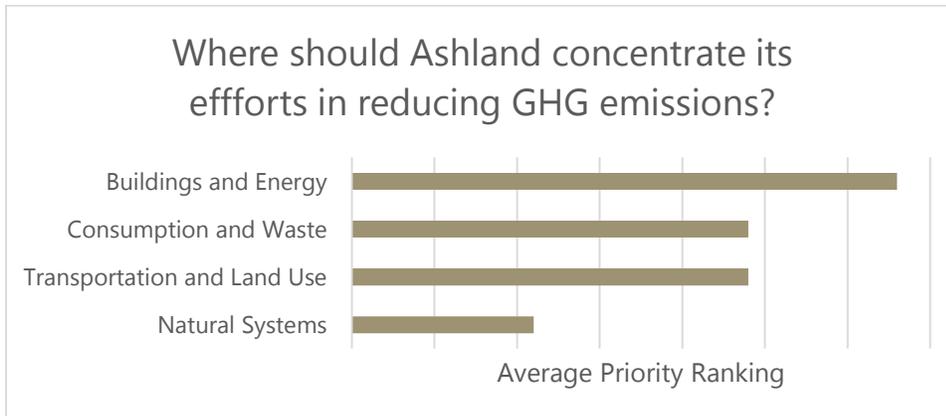
Ashland Climate and Energy Action Plan: Baseline Public Input Summary

- Following Eugene in passing a science based ordinance
- Begin becoming more resilient
- Please explain difference between 2 & 4
- Shift our culture so adaptation and mitigation are considered for all decisions
- Continue to be proactive about wildfire prevention
- Address extreme heat for elderly, disabled, homeless populations
- Wildfire smoke will drastically affect health & economic viability of this community if we do not
- Codify the plan in ordinance!
- Much more attention to dealing with city wildfire readiness
- Make the plan a legally binding ordinance so that the city and community are accountable for the plan
- Produce most, if not all resources locally and provide more community projects
- Reduce energy usage in public building (turn down heat and turn up ac)
- The reduction of water for humans and wildlife
- Water conservation and enhancements to reliability of water supply
- We need to create a legally binding plan to reduce the risks of these impacts as soon as possible
- Prepare for fire in the watershed and understand what we are doing doesn't make Ash fire proof
- No burn days w/o fire dept supervision?
- Someone needs to be ready to help with the impacts on health
- Rain barrels city wide, maybe start with corporations, incentives for residential barrels
- Drought proof Ashland w/ rainwater catchment esp in the ground w/permaculture.
- Rehydrate the watershed with swales and sinking rainwater in the forest
- Conservation of vital resources like water
- Can't solve the problem with the same people who get paid to make the problem worse!
- Support for solar panels and experimental energy reduction solutions
- Develop a science based plan to figure out targets to reach and build a legally binding plan to implement in Ashland
- Continue w/ water conservation education—start to consider \$ rewards
- Google: GeoEngineeringWatch.org. Get the facts!
- Constantly think how we can make it easier to conserve water-to want to conserve-to see/understand the personal benefits of conserving in all way

### Station 3. How is Ashland Doing?

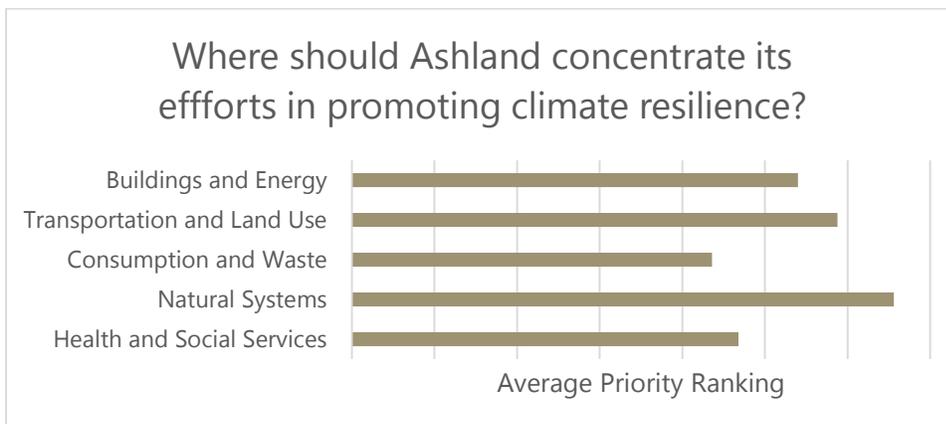
#### WHERE WOULD YOU LIKE ASHLAND TO CONCENTRATE ITS EFFORTS IN REDUCING GREENHOUSE GAS EMISSIONS?

Total responses = 38



#### WHERE WOULD YOU LIKE ASHLAND TO CONCENTRATE ITS EFFORTS IN PROMOTING CLIMATE RESILIENCE?

Total responses = 34



### WHAT CLIMATE POLLUTION REDUCING POLICY, PROGRAM, OR ACTIVITY IN ASHLAND ARE YOU MOST PROUD OF?

Total responses = 41

- 100% renewable energy has become the new normal
- Future legally binding climate action and energy plan
- Ashland's own power company – hydropower in a coal power state!
- No big box stores
- Our grassroots movement unite push state and federal government to act on climate actions regional!
- Our SOU students get it + shine
- ...The city's water wise program...more comprehensive than progressive Roseville, CA
- You, city, are implementing climate change action
- Revive rail transportation for people and stop truck traffic
- Road diet
- Solar panels on city offices
- Public commenting, gatherings, parades, g...(illegible) classes
- Goal: People to understand and BELIEVE in HOLISM! Take action for/on holism.
- Pristine watershed source
- Ordinance: a climate energy plan that has bite – not just good intentions, but goals we commit to and that the city must answer to.
- SOCAN at all levels of action and the local participation and active concern
- Make all major transportation of consumer goods, delivery etc., and RVTD electric running vehicles! Then make electric vehicles more affordable for the people!
- Accessible and beautiful bike paths
- Water sustainability and the reuse of our water
- A community that can voluntarily reduce resource use
- Our amazing young people
- Solar!!
- Community gardens and public parks
- Creativity in/with "homeless" attention
- Electric trolley
- Ashland food bank
- Jackson County Fuel Committee
- We say no to things (ugly signs, etc.) that don't serve our community
- Willing to consider solar park and voting in support of RVTS
- Community spirit!
- Forest resiliency projects!
- Future legally binding, socially equitable, science based clean energy and action plan
- Electric bus/trolley to facilitate people moving around town without cars
- The development and implementation of a clean energy plan!



## APPENDIX B. OPEN HOUSE STATION RESPONSES

Ashland Climate and Energy Action Plan: Baseline Public Input Summary

- We find a successful way to convince all of us to use less, consume less, lower our consumer footprint!
- Bike and pedestrian friendly
- Our willingness to take on the issue
- Our solar energy per person is one of the highest in the state
- Bee City Ashland
- We need volunteers!
- The Ashland youth's work to pass a legally binding ordinance



## Station 4. A Shared Vision for Ashland

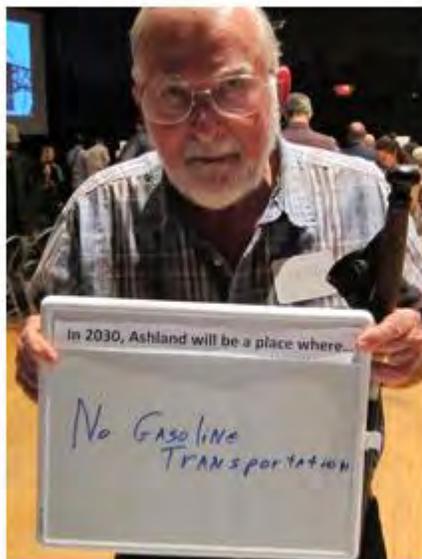
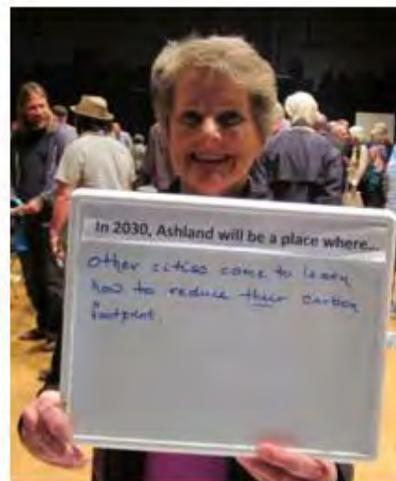
### COMPLETE THE SENTENCE: IN 2030, ASHLAND WILL BE A PLACE WHERE...

Total responses = 23

- We are all taking care of one another as things get difficult.
- Almost everyone can get where they want to go without owning a car.
- 25% of our cars are electric!
- We buy and throw away less and enjoy each other and our environment more!
- Carbon neutrality
- No gasoline transportation
- Other cities come to learn how to reduce their carbon footprint.
- It will be easy and fun to play outside! ☺
- No one (City and residents) uses any synthetic pesticides and fertilizers and does not allow the County to either. ☺
- Carbon neutrality exists!
- Zero GHG emissions occur
- 100% renewable energy happened long before!
- We modeled a successful all-city switch to clean renewable energy and sustainability for others to use.
- We have created a comprehensive, legally binding plan to continue our tremendous progress
- Tree-lined streets/pathways/shade/grass/cool bike paths on all main roads.
- We sink more carbon than we generate!
- Everyone who wants has a garden and know-how to grow food.
- The air and water are clean, people are safe, and fish and wildlife are thriving!
- We generate electricity from forest biomass.
- I can take solar electric public transit.
- We generate our own electricity – grow 75% of our own food and don't drive as much!
- We understand each other more, look beyond our biases, and share resources. True care and love grows!
- Cars will almost never be used, because there are alternative modes of transport. And I don't mean an individual solution, like electric cars. Public transit in small mini buses, bikes, walking...

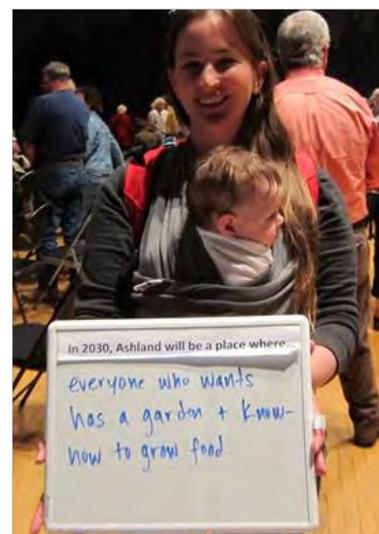
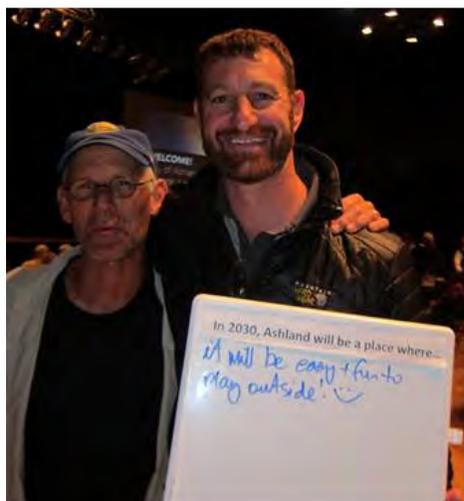
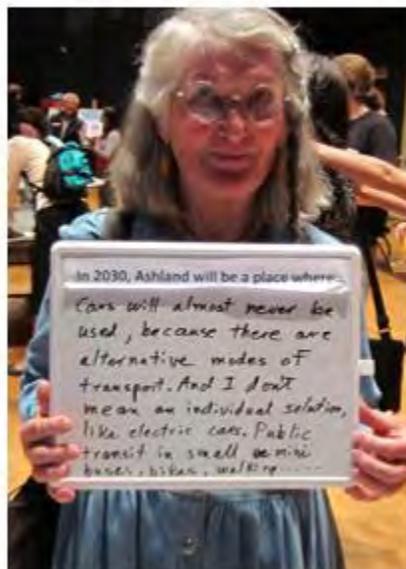
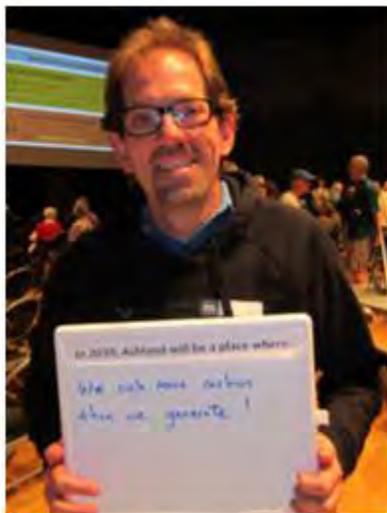
## APPENDIX B. OPEN HOUSE STATION RESPONSES

Ashland Climate and Energy Action Plan: Baseline Public Input Summary



## APPENDIX B. OPEN HOUSE STATION RESPONSES

Ashland Climate and Energy Action Plan: Baseline Public Input Summary



## Station 5. Taking Action

### WHAT DO YOU THINK ASHLAND SHOULD DO TO ADDRESS CLIMATE CHANGE?

permaculture	farms	gardens	forests	Diversity	local
no cars	diversidad	bees	solar	llise[?]	pollinators
ordinance	\$u\$tainable	Listen, network, think big	emissions reductions	localized production of all resources	Ordinance
aqua limpia	composting	carbon-sink	inclusive of communities of color	forest regeneration/biomass electricity	conserve
Ordinance	Co-Op	non-profits	Ordinance	Reusing water	ecological diversity
Youth	Bicycle-for-car program	education	socially equitable	community	ordinance
SOU	OSF	public transit	Ordinance	Pass a legally binding ordinance	ordinance
reservoir	healthy	Educate	Cultural and behavior shift	foster cooperation	scientifically-based ordinance
agua limpia	Solar. Bikes. Wind. Building codes. Greenspace. Fee and Dividend. Vegan	NOW	a downtown shuttle bus	Live Lightly On Earth	wildfire smoke
carbon-sink	Get a LOT more solar panels located on public roofs.	public-lands	Think beyond carbon emissions	triple bottom-line	Electric Taxis
Bike lanes everywhere	think big act now	BIKE SHARE	Zero GHG emissions	ZEPHER	MULTIPLE SOLAR FARMS
Set goals that are based in the best available science					
create a legally binding ordinance to make the city accountable					
Individual carbon footprints and reduction goals					





## Individual Comments

### Comment

It is important to try as hard as possible to get a more diverse audience at an event as important as this event. Climate change will harm the minority members of our community the most, so it's extremely important to engage them on these conversations. The large majority of attendees appeared to be elderly and white.

Increase efficiency of energy use, increase renewable sources, vastly increase public transit, limit individual automotive use, encourage decreased consumption of goods and faraway (illegible)

We need to take a very aggressive stance with this - even if it means we are setting goals that really move the needle - even if we don't yet know how to reach them.

Promote large scale solar farms

Promote more bike friendly activities including more bike parking and incentives to not drive in town

Support and develop RUTD

Involve Atts - promote bikes and carpooling only and not kids driving to school

Ban large tractor-trailers in town

Regarding housing developments - build affordable, small, energy efficient homes - wrangle more co-housing with good access to bus and bike routes.

Electric shuttle buses and swacl [illegible] vehicle to transport tourists around town. Promote tourism without cars!

I support actions - especially incentives for rooftop solar, energy efficient appliances, water conservation, and reduced car use - that Ashland can take to reduce our community carbon footprint. BUT - realistically, our actions will have a very limited effect on the climate change impacts we will experience. Therefore, our most urgent efforts should be to increase our community's resilience to these impacts. The most severe impacts will likely be the linked issues and decreased snowpack/water availability and increased wildfire risk. Ashland has done as good a job as anywhere in fuels reduction in the watershed. However, it is my impression that we have done much less to prepare for reduced water supplies. The inter-tie to the Medford water system was an essential, prudent action. But we need to consider if there are other ways to increase water storage and, of course, to STRONGLY encourage water conservation. One often-suggested option - greatly expanded rainfall capture in residential and commercial water tanks - reduces water flowing into streams, with serious negative ecological effects. Per-capita water use reduction will be essential, as well as policies directing water use to the most necessary uses. In short, reducing our community carbon footprint costly, but enhanced resilience is life-and-death.

Ashland should promote more (a) large scale solar installations, promote human powered transportation as much as possible. Less incentive to drive here.

City must have a policy advocacy strategy as well as a "resilience" or "adaptation" strategy - advocate for in state and federal climate policy.

### Comment

1. Reflective roofing
2. Parking lots absorb water
3. More trees in town
4. Charging stations for electric cars, FREE
5. Free leies [?] around town
6. Monitor and recommend improvements to landscape/water systems
7. Home insulation and window improvement incentives
8. Cover crops on fallow fields
9. Thermal sink A/C incentives
10. Reduce rain run-off to be absorbed into the soil
11. Incentives for efficient appliances

Impoundment shall be an expensive but correct answer to a sustainable water supply.

I think it is very important to adopt an ordinance along with the climate plan to make the plan legally binding, science based, equitable, and to make the city accountable for their actions.

Ashland needs to require each citizen to commit to their own carbon footprint reduction annually (could have contest awards!)

Tie Climate and Energy Plan to a city ordinance.

Charge developers an impact fee to be used to create bike/ped routes between town and development

Make mass transit EASY and AFFORDABLE

Promote shuttle service...solar electric bus? Or bike rickshaws between hotels, town, and the airport

Work with ? on an electric bike/bike share program with town to lodging

Community education classes on diet and exercise less meat - more walking

Also teach diet and exercise in schools... cooking with less meat

I talk with many people who circle around town in their cars for 20+ minutes looking for parking - wasted fuel, omg! provide central parking with a shuttle...or another parking garage

Reduce or eliminate cars/trucks on Main St. between 10 am and 11 pm?

Eliminate daytime (mid-day) watering in city parks

Reduce use of air conditioning - no lows than 72-75 degrees.

Thank you.

## APPENDIX C. OPEN HOUSE COMMENT CARDS

### Ashland Climate and Energy Action Plan: Baseline Public Input Summary

#### Comment

The 300,000-400,000 people who travel every year to visit the Oregon Shakespeare Festival is a huge emitter of greenhouse gases. The festival is a cultural treasure and the heart of Ashland's economy, so perhaps OSF could encourage Festival attendees to take the train, carpool, or purchase carbon offsets. Festival goers are mostly highly educated, aware people so they might go for it.

The question: Do we have the will to make significant meaningful changes in the way we live and consume (and throw away)?

Stop slash burn - break it down so it goes in the soil - not the air, electric buses, compostable trash pick-up for creating good soil (I thought we might already have)

The city could offer rebates or tax credits for buying an electric bike.

My family and many, many friends in this community are very concerned about geo-engineering aka chemicals in this area that are poisoning us and making all of us and our children very sick. I believe it is very irresponsible of the city of Ashland to NOT address this issue ASAP for we are slowly dying - please stop this. Please, please do not ignore this giant issue that we are dealing with when it comes to climate. Change this geo-engineering solar radiation program is lethal.

Show leadership and vision - let's shift our culture so climate change mitigation and adaptation take priority and are considered for all decisions. We need to educate and support people so they can make educated decisions. If we continue on our current path with only minor tweaks we're in trouble - we need to be willing to make major changes while maintaining a healthy economy and livability.

I am totally upset you are not discerning the geoengineering and SRM programs and ERR disrupting our climate and weather. I am upset you are not allowing areas with waste (paper and cans) and poop for energy and just wanting to promote and use solar and wind that are not always available. Go to geoengineering (illegible) and go to David Blaine's site [alcoholcanbeagas.com](http://alcoholcanbeagas.com) for an all the geoengineering and for energy technology (illegible).

1. Utilize the homeless to help with wildfire mitigation work
2. Incentivize residential and commercial water catchment systems and grey water installations in current and future buildings
3. Require "natural building" designs for residences and businesses i.e. - passive solar, natural cooling. Many communities are implementing these designs already. Look it up.
4. Geoengineering aka weather control is real - it's happening already. How can Ashland stop it?

1. Limit number of residences in UGB. To insure we have enough resources and infrastructure to serve the community we have. Will there be enough water if we add 400 homes? Insure enough affordable housing in town to reduce community and urban sprawl that will exacerbate climate change.

2. Publish a monthly newsletter to go in utility bills and on Facebook with "Tips" - i.e. turn off outside house lights at night to reduce energy or use dimmer lights.

I think I'm just going to have to move away!

Legally binding clean energy ordinances and resolutions, caps on emissions!

## APPENDIX C. OPEN HOUSE COMMENT CARDS

### Ashland Climate and Energy Action Plan: Baseline Public Input Summary

#### Comment

A good open open house. Not enough attention on health problems that Ashlanders will be dealing with. This involves psychological health. CERT is not set up for this. Something new is needed.

Don't have slides we cannot read even if you apologize for them. Otherwise informative. You handled disrupter well.

Legally binding action plan.

I would love to see an ordinance passed along with the plan to ensure we see the benefits of the goals we set and establish Ashland as a progressive/historic actor in the fight against CC.

Thank you for your work!

BIOMASS PLANTS esp. small to moderate scale to convert excess biomass in local woodlands to electricity while mitigating wildfire danger.

Localized food systems and bio-filtration/constructed wetlands off storm drains!

Suggestion: Methane from city waste and possibly forest waste and bloom energy fuel cells used by Google to presently generate power at at least once of their installations, a YouTube search a year back gave me the info that bloom enlarges fuel cells. Do not use the precious metals that abuse miners. This is already designed technology that is compaly presently installed.

Natural gas and bloom energy -> fuel cell, electronics -> 120V commercial, 60 HZ AC

Reduces methane and generates cheap power

Thanks for your efforts.

Have city of Ashland strongly promote walking and biking over private automobile use by having downtown Main St. go on a road diet.

Narrow the traffic lanes, eliminate the third lane, add bike lane, widen sidewalks.

Work with the food co-op to offer electric bike delivery to members instead of them driving down to the co-op and driving back home.

Offer a rebate to Ashland residents for purchasing an electric bicycle.

Preparing for drier hotter conditions.

Making sure our water sources are enough to keep up with future development.

Add more public transportation.

Add more solar panels to community structures.

Work with state agencies to increase fiscal incentives for commercial solar installations.

1. System by which residents can purchase panels that will be placed on roofs that are not theirs. A roof with 40 panels (10 to each owner) would then have 4 owners credited with the generated power and the credit taken off their home bill.

2. We should set up a system whereby Shakespeare theater goers could ride an RUTD bus rather than drive downtown.

3. Stores would use motion detecting lights rather than leaving lights on all night. I think this would also facilitate better policing.

## APPENDIX C. OPEN HOUSE COMMENT CARDS

### Ashland Climate and Energy Action Plan: Baseline Public Input Summary

#### Comment

1. Pass ordinance capping fossil fuel use by city.
2. Solar rebates for low-income.
3. Get low-income people involved - they matter!

Build second reservoir  
Buy local  
Process beef locally  
Electric trollies  
Biodiesel

Build on any base that exists (but don't waste time patting ourselves on the back).  
Move to significant action - such as addressing how we all can buy and throw away less.

By making a plan committed to the best available science, socially equitable, protects Ashland's quality of life, creates good jobs and boosts the economy and has an ordinance so it's legally binding!

1. 2 lanes downtown with BIKE LANE.
2. More public transit!
3. Make Ashland more bike and pedestrian-friendly.
4. Enforce traffic laws (mufflers, speed, etc.).

More action  
Less talking

Support and adopt the Rogue Climate Ashland and Youth Climate Action 5 standards to guide the development of an action plan and ordinance.

Make CEAP a reality, an ordinance, and require solar on new buildings, hot water at least, PV if it's a good solar gain site.

Support non-profit thrift stores. They are recycling!

I want a legally binding plan that is based in science, socially equitable, protects Ashland's quality of life, and is good for the overall economy! Legally binding is a must.

So many ways, for starters: make the town more bike- and bus- and walking-friendly.  
Require recycling.

Comment
<p>Please consider:</p> <ul style="list-style-type: none"> <li>-Better information about wildfire smoke pollution</li> <li>-Solar park</li> <li>-Keeping solar tax incentives</li> <li>-Prioritize making Ashland even more bike-friendly</li> <li>-Conservation education and efforts</li> <li>-Solar park</li> <li>-Transition off coal (like Portland)</li> </ul> <p>Thanks for:</p> <ul style="list-style-type: none"> <li>-This event</li> <li>-Water wise campaign</li> </ul>
<p>Ashland government needs to provide incentives for lend locally if we want to covet this neutral property (illegible)</p>
<p>Excellent turnout High-energy atmosphere Well done!</p>
<p>Already growing food Bicycling Less waste - making foods that we use a lot of; yogurt - no plastic containers.</p>
<p>Can Ashland (we) take a leading role advocating for climate change challenges?</p>
<p>First: Thank you! Second: I think the city needs to have a <u>strong</u> hand in these changes - like SF and Sonoma - put into law, all new buildings have to have solar Third: Fossil fuel tax Fourth: Create <u>ordinances</u></p>
<ol style="list-style-type: none"> <li>1. Plan should promote and require development of clean energy.</li> <li>2. Clean energy development should create green jobs and boost our economy.</li> <li>3. New jobs should go to local workers and provide training that benefits local workforce.</li> <li>4. New green jobs should pay living wage and follow high-road standards of Enhabit.</li> </ol>

## APPENDIX C. OPEN HOUSE COMMENT CARDS

### Ashland Climate and Energy Action Plan: Baseline Public Input Summary

#### Comment

1. Needs to be an ordinance to require that the plan will be implemented in ways that will meet numerical targets and benchmarks.
2. Goal should be to do Ashland's part to achieve less than 350 ppm CO2 equivalent by 2100.
3. Targets and benchmarks must be based on up-to-date accepted science.
4. Provide ongoing opportunities for public input and total transparency of results.
5. Climate Plan should meet Rogue Climate Standards.

1. Encourage organic yard care to reduce pollution at source and continued reliance on petroleum products.
2. Build an electronic trolley system to serve Ashland north to south.
3. Give monetary incentives to people who give up their cars and use alternative methods of transportation.
4. Do not allow synthetic pesticides and fertilizers which upset the soil balance - please see article I submitted and read "The Soil Will Save Us" - form a committee to share info.

Demand triple-bottom-line accountant of energy costs from Dover Co. They're not providing us with the cheapest power as they're obligated to do because they don't factor in the huge hidden costs of fossil fuel based-energy - medical, environmental, etc.

More bike racks around town. Use some car parking spaces for big racks, not little ones on the sidewalk.

Member of Talent Clean Energy Plan - inspiring event and thank you for the FACTS and DATA! Excellent turnout and presentations. Keep up the good work!

1. Climate Plan should be socially equitable: measures used should not displace low income or vulnerable people from housing or jobs cause of costs from lowering GHG emissions.
2. Low income and vulnerable people must have voice in measures taken to reduce GHG emissions.



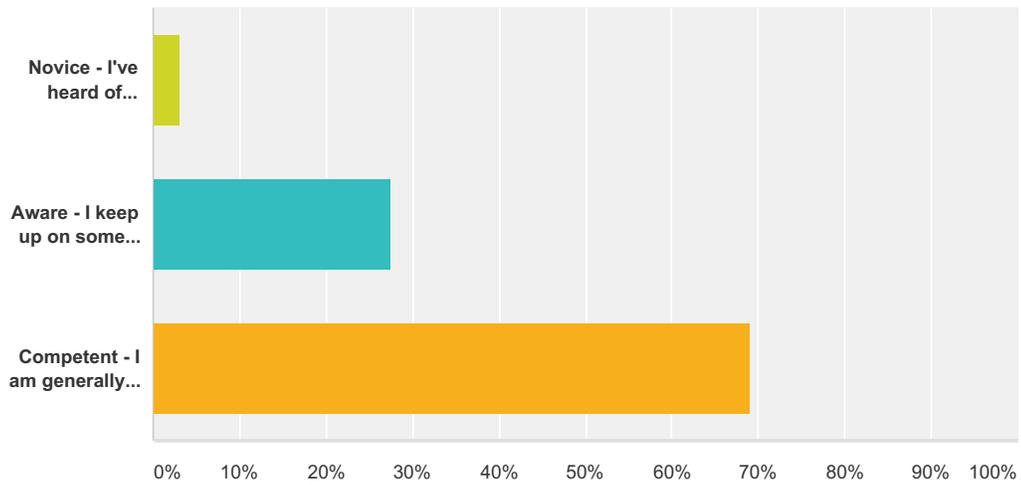


## **Appendix E. Public Input Survey Results**

The summary results from the public input survey, conducted online during May and June 2016, appear on the following pages.

### Q1 How would you best describe your understanding of climate change issues?

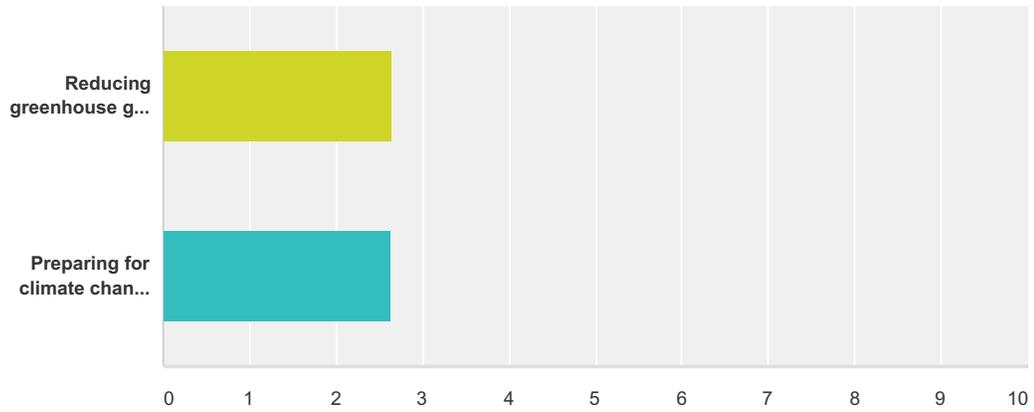
Answered: 94 Skipped: 2



Answer Choices	Responses
Novice - I've heard of climate change, but don't know much about it	3.19% 3
Aware - I keep up on some climate issues, but not all of them or very often	27.66% 26
Competent - I am generally informed in climate change issues	69.15% 65
<b>Total</b>	<b>94</b>

## Q2 How concerned are you about the following in Ashland?

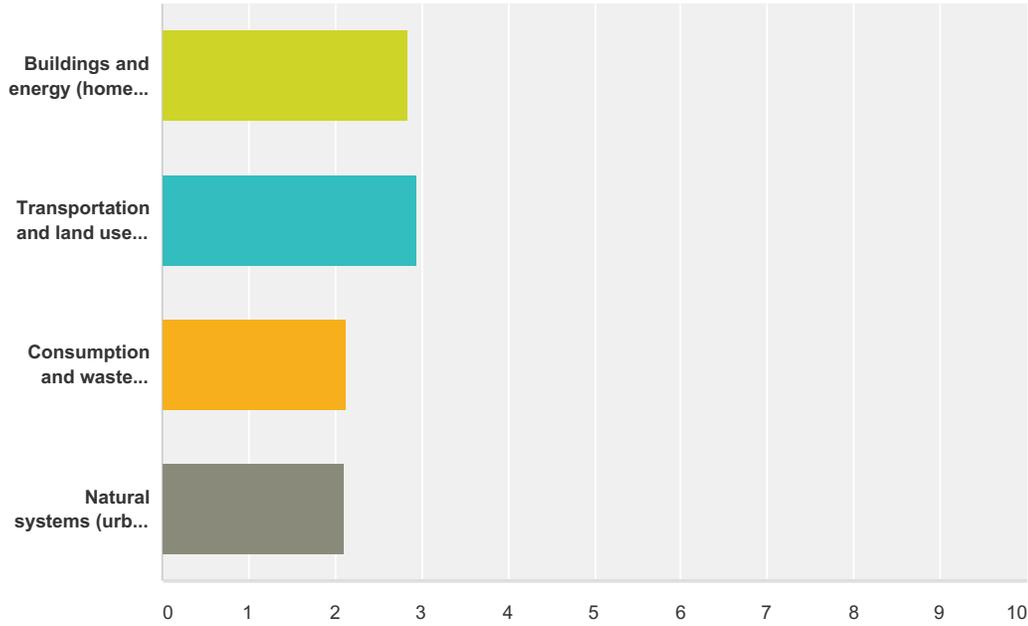
Answered: 96 Skipped: 0



	Not concerned	Somewhat concerned	Very concerned	I'm not sure	Total	Weighted Average
Reducing greenhouse gas emissions	8.33% 8	18.75% 18	71.88% 69	1.04% 1	96	2.66
Preparing for climate change impacts	9.38% 9	18.75% 18	70.83% 68	1.04% 1	96	2.64

**Q3 Which of the following should be highest priority for reducing greenhouse gas emissions in Ashland? Rank the following options from highest (1) to lowest (4) priority.**

Answered: 94 Skipped: 2



	1	2	3	4	Total	Score
Buildings and energy (home and business energy use, renewable energy sources)	34.83% 31	28.09% 25	22.47% 20	14.61% 13	89	2.83
Transportation and land use (vehicle use, public transit, biking/walking, urban density)	36.67% 33	34.44% 31	15.56% 14	13.33% 12	90	2.94
Consumption and waste (consumption of goods such as food and clothing, recycling, composting, landfill maintenance)	8.89% 8	25.56% 23	34.44% 31	31.11% 28	90	2.12
Natural systems (urban green space, water management, forests, agriculture)	20.22% 18	11.24% 10	26.97% 24	41.57% 37	89	2.10

# Ashland Climate and Energy Action Plan: Public Input Survey

## Q4 Please briefly explain why you selected your highest priority in Question 3 above.

Answered: 88 Skipped: 8

#	Responses	Date
1	Ashland is such a small town, yet so many people still DRIVE EVERYWHERE, even short trips. We have to wean ourselves off of petroleum!	6/10/2016 4:12 PM
2	internal combustion engines are major source of green house gases	6/10/2016 1:07 PM
3	I believe transportation is a major contributor to greenhouse gas emissions, and I also think it is one of the easier issues to address.	6/9/2016 8:58 PM
4	There are things we can do locally	6/9/2016 8:37 PM
5	How we acquire and use energy has an impact on issues like LNG, solar rebates, etc.	6/8/2016 11:19 AM
6	living in rural area like this it is impossible to ignore the environment as our priority because it is our livelihood in this town, it surrounds the town and needs to be healthy	6/8/2016 6:25 AM
7	This is a place where every single individual has an impact.	6/7/2016 6:13 PM
8	My energy bills are very high even though I am doing my best to conserve. I would love more opportunities to get assistance for more renewable, greener and cheaper energy sources.	6/6/2016 1:25 PM
9	Reducing vehicle miles driven by providing increased housing density within walking distance of jobs and services is something a small community can do to develop in a manner that is sustainable in the long term.	6/3/2016 4:55 PM
10	I would like there to be an option for a solar farm that could be expanded as city is able.	6/3/2016 3:04 PM
11	Our entire lives depend on natural systems.	6/2/2016 8:25 PM
12	lessen dependence on fossil fuels.	6/2/2016 2:57 PM
13	I don't think it addresses the major contributors, but it addresses the human need for a perspective change.	6/2/2016 11:10 AM
14	Efficient strategies in this category have both energy conservation and socio-economic benefits.	6/2/2016 10:17 AM
15	It is highest priority only because I "think" that's where the greatest savings lies. I think the rankings should reflect greatest opportunities.	6/2/2016 10:08 AM
16	I wonder if Ashland can lead the way to more creative uses/recycling of things that often go into land fill.	6/2/2016 9:44 AM
17	All important. THis is a crisis!	6/2/2016 9:32 AM
18	Reducing dependence on cars/pickups is the quickest way to improve air quality. Providing convenient options for people to get around without a car is efficient and effective.	6/2/2016 8:54 AM
19	All things exist on the land and within the natural systems. They are our primary defense in protecting the environment/climate.	6/2/2016 8:42 AM
20	This was a really hard choice. Natural systems are what are going to be most affected by climate change. We need to investigate adaptations to these changes.eg crops that will be able to grow in hotter,dryer conditions.	6/2/2016 8:01 AM
21	Most concerned about water management forest and green space .	6/2/2016 4:28 AM
22	We already have technology and knowledge and can start immediately with impact.	6/1/2016 11:13 PM
23	It is important to me	6/1/2016 10:33 PM
24	We need an E shuttle to transport tourists downtown. We need a bike lane through downtown. We need a place to lock our bikes besides trees!	6/1/2016 7:45 PM
25	My sense is that buildings and energy are most amenable to influence by city programs and ordinances; transportation is important, but perhaps a little harder to influence; consumption is likely the most difficult to really get under control (more effort required for uncertain payoff).	6/1/2016 7:07 PM
26	The things we are most dependent on are food and water.	6/1/2016 6:13 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

27	I believe this category is greatest source of emissions. If I'm mistaken, I would hope our efforts would focus on the areas that presently create the greatest volume of emissions and that present opportunities for emissions reductions.	6/1/2016 6:08 PM
28	- can be implemented immediately - potentially has the most impact	6/1/2016 4:55 PM
29	I would like the City to make the things it controls/influences the priority in the plan	6/1/2016 3:17 PM
30	None of the above. "Greenhouse Gas" is one of the biggest misinformation propaganda pseudoscience con jobs out there.	6/1/2016 3:07 PM
31	It is something many can do and control	6/1/2016 2:25 PM
32	Affordable, and multi-use housing, in addition to tiny housing is a priority for making our community more diverse and balanced. We need more low-cost, mass transit options.	6/1/2016 2:22 PM
33	Greatest impact	6/1/2016 2:01 PM
34	Building materials and waste (from remodels as well as new), energy efficiency of buildings, water efficiency of buildings, whether buildings are equipped to use grey water are all major factors in reducing greenhouse gas emissions (if you look at cradle to grave of materials manufactured/shipped/used/disposed). With so many wealthy Ashland residents doing home remodels, we could encourage use of local, durable, non-plastic materials - same for home and garden furnishings.	6/1/2016 1:47 PM
35	This section didn't work in my phone but I pick transportation as number 1 because I believe it has the most potential for change. Electric cars, better bike and pedestrian facilities and improved transit are crucial	6/1/2016 1:28 PM
36	It seems like the major use of energy is in heating, lights, etc, for home and business, so using renewables is important.	6/1/2016 1:27 PM
37	Need to reduce car trips, especially downtown. More bike lanes and facilities, a local trolley or shuttle service for residents and visitors, and improved pedestrian facilities.	6/1/2016 1:13 PM
38	Because creating electricity causes the most greenhouse gas emissions. Even if our local power is mostly hydro-generated, we need to switch to renewables for the future.	6/1/2016 1:10 PM
39	on the City level it seems like there are Codes that can be implemented. other items are less enforceable.	6/1/2016 12:51 PM
40	I think consumption and waste addresses more than just climate change. It also addresses the amount of landfill resources.	6/1/2016 12:49 PM
41	I believe it has the most potential to reduce our communities GHG emissions over the long run.	6/1/2016 12:38 PM
42	Buildings and energy have the lowest hanging fruit for change.	6/1/2016 10:53 AM
43	Buildings and energy are the lowest hanging fruit.	6/1/2016 10:48 AM
44	Despite impacts from buildings, growth rate in Ashland is relatively low, and I think there's more bang for our buck in sustainable planning (transportation and land use).	5/31/2016 7:09 PM
45	They are all high priority. If I took the survey again, I might change rankings.	5/29/2016 7:08 AM
46	Virtually everything we use here is brought to us by convoys of polluting 18-wheelers. Virtually everyone owns a car and our streets are full.	5/28/2016 10:39 AM
47	It has the greatest negative impact.	5/27/2016 12:47 PM
48	Transportation is usually the highest emitter of GHG	5/26/2016 11:22 AM
49	We should keep the forest green	5/26/2016 9:48 AM
50	Transportation is a very high portion of GHG based on the inventory. Buildings are important but a lot of the city's energy is renewable.	5/25/2016 10:40 PM
51	Transportation accounts for a quarter of Ashland's GHG emissions. Vehicular transportation consumes an unnecessarily large portion of land and resources.	5/25/2016 3:07 PM
52	Natural systems is a much more feasible way financially, resources/ecologically, wildlife, and for the health and overall being of the forests, trees, citizens and tourist	5/25/2016 7:10 AM
53	I think that is where we use the most harmful resources. But I'm not sure!! I could easily change my mind with facts.	5/25/2016 2:57 AM
54	Home energy consumption strategy can lead to the most carbon reductions.	5/24/2016 8:29 PM
55	I am responding to what I thought was a large contributor to GHG emissions in Ashland.	5/24/2016 7:51 PM
56	We can do it on local level	5/24/2016 7:26 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

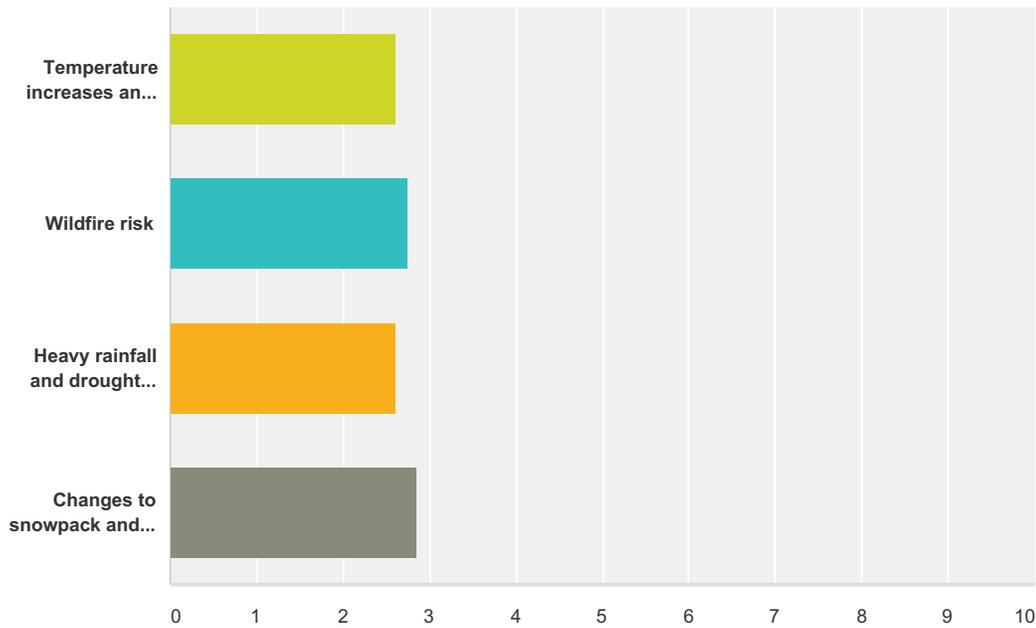
57	There are many problems that will affect humans particularly but the more directly we affect other life forms the worst we get. We must conserve natural areas and keep them safe for us but mainly them.	5/24/2016 7:21 PM
58	Drought is my biggest climate change concern, but that has little relevance to gg emissions. Buildings and transportation offer the biggest opportunities to reduce emissions. However rehydration and consequent growth is a carbon sequestration strategy that can have enormous results which are just starting to be studied and measured.	5/24/2016 7:18 PM
59	Power production is nations highest use of energy with industrial agriculture next...and Sadly missing in these choices! transportation is next....but the natural world should be part of every consideration, so that was harder.	5/24/2016 7:03 PM
60	It is the most dominate energy source in Ashland	5/24/2016 7:02 PM
61	Biggest piece of the pie.	5/24/2016 6:59 PM
62	Auftos make up so much of the gas emissions	5/24/2016 6:57 PM
63	Reduction in emissions seems to be so important, it's hard to say more than the others but it seems so much has to do with what's going on in the air and all the rest are like contributing factors. But mostly because of the growing size of populations and how many vehicles not just public commuting but transportation in general trucks and those making the most emission it just seems so much more and consistent than everything even though it's all happening and currently.	5/24/2016 6:37 PM
64	Overall health and well being as well as local standard of living. Usability of environment and recreation. Ease and joy of commute.	5/24/2016 6:30 PM
65	It's a major GHG emission impact & actionable.	5/24/2016 6:28 PM
66	This will be a lot easier than the consumption section.	5/24/2016 6:17 PM
67	I'm passionate about renewable energy	5/24/2016 6:06 PM
68	Biggest slice of the pie, and most voluntary component	5/24/2016 6:02 PM
69	We want to keep our natural capital strong	5/24/2016 6:01 PM
70	I imagine that building consume the most energy in Ashland. Currently, the majority of that energy is derived from coal power plants, which is an extremely dirty source of energy. It's important that Ashland implements widespread renewable energy sources in order to find a way to escape the high percentage of coal in Blue Sky's energy mix.	5/24/2016 6:01 PM
71	I imagine that building consume the most energy in Ashland. Currently, the majority of that energy is derived from coal power plants, which is an extremely dirty source of energy. It's important that Ashland implements widespread renewable energy sources in order to find a way to escape the high percentage of coal in Blue Sky's energy mix.	5/24/2016 5:58 PM
72	Just had baby, would like to keep biking, do not trust roadways or bike paths. Would like to see commuter bike stations, electric bus, train through valley.	5/24/2016 5:53 PM
73	Water the most vital need	5/24/2016 5:50 PM
74	Transportation largest contributor to GHGs, then use of natural gas in home heating!	5/24/2016 5:48 PM
75	Seems to be the highest offender	5/24/2016 3:27 PM
76	The high volume of fossil fuel vehicles both in and especially visiting the city.	5/24/2016 3:25 PM
77	I believe that in our mobile society that if we address transportation and land use issues that many of the other influences on climate change will fall into place.	5/24/2016 1:45 PM
78	Reducing vehicle use through biking, walking, public transit has other benefits to the local economy and public health, as well as community networking. It is an easy way to make a large impact.	5/24/2016 10:54 AM
79	Reducing CO2 in Ashland will have close to zero impact. However, we should do our best to be good stewards, and reducing our reliance on polluting energy sources is something we should do because it is the right thing on many levels. Home and business energy use is a major component of that.	5/24/2016 9:24 AM
80	Question two highest priority is because of all living creatures need protection from people.	5/24/2016 9:23 AM
81	Where we can get the most "bang for our buck" in our town	5/24/2016 9:12 AM
82	Solar energy, captured, stored and used in each vehicle is the most renewable resource we have, and the cleanest alternative we have, and we should place a higher priority on its development.	5/23/2016 10:29 PM
83	My main interest is in carbon sequestration which can be done in an urban environment as mentioned in #3. We are surrounded by forests, and have a gmo free county to support all of which are important components of C.C.	5/23/2016 9:52 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

84	I believe renewable energy at the local level is the best single line of attack. Solar panels on every building that has good sun exposure, which can also charge electric vehicles, is the best first line of attack.	5/23/2016 9:47 PM
85	we have farms and import food..dumb we can be organic but all chemical inputs dumb we think population equals tax income dumb	5/23/2016 9:00 PM
86	Replacing 4-way stops with roundabouts will reduce gas consumption. Today every car has to stop and then to accelerate again even if there is no other car at the cross section.	5/23/2016 8:24 PM
87	WATER	5/23/2016 7:46 PM
88	people are too wasteful	5/23/2016 7:32 PM

**Q5 Climate change will impact Ashland in many ways, including increased temperature, changing precipitation, and increased wildfire risk. How concerned are you about the following climate change impacts in Ashland?**

Answered: 96 Skipped: 0



	Not concerned	Somewhat concerned	Very concerned	I'm not sure	Total	Weighted Average
Temperature increases and extreme heat	6.67% 6	24.44% 22	68.89% 62	0.00% 0	90	2.62
Wildfire risk	2.15% 2	19.35% 18	78.49% 73	0.00% 0	93	2.76
Heavy rainfall and drought risk	6.45% 6	24.73% 23	68.82% 64	0.00% 0	93	2.62
Changes to snowpack and water availability	5.38% 5	4.30% 4	90.32% 84	0.00% 0	93	2.85

#	Please briefly explain your rationale for impacts that concern you most.	Date
1	Drought, especially, can severely impact our ability to be a sustainable community, especially our ability to produce food.	6/10/2016 4:12 PM
2	Wildfire risk: I'm selfish, hate the smoke. Also hate the destruction of habitat for animals and plants. Snowpack and water availability: this has a major impact on daily life here. It appears the snowpack can't be counted on to provide water through the summer, so another plan (more reservoirs?) needs to be put into place.	6/9/2016 8:58 PM
3	We may not be able to sustain our quality of life or support our population density	6/8/2016 11:19 AM
4	very concerned about air quality while raising children especially, and quality of life concerning heat	6/8/2016 6:25 AM
5	All of these issues can have life or death consequences.	6/7/2016 6:13 PM
6	All of these things affect our daily lives and the economy	6/6/2016 1:25 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

7	Each of the above items are inter-related and direct results of increasing temperatures.	6/3/2016 4:55 PM
8	It is too hot and dry. The forests are always catching fire.	6/2/2016 8:25 PM
9	the viability of Ashland.	6/2/2016 2:57 PM
10	Catastrophic fire could destroy our watershed and surrounding forest lands jeopardizing one of our water sources as well as killing many species.	6/2/2016 11:10 AM
11	As Ashland gets more and more known for its bad air quality due to summer wildfire smoke and smog, it will have a negative impact on quality of life and future business success.	6/2/2016 10:17 AM
12	It is my understanding that these are the realities with increasing intensity as the years go by	6/2/2016 10:08 AM
13	In the last 10 years (I know it is just a nano-second of the life of the universe) we have seen the impact of the above. I also wonder if the clear-cutting is actually helpful to prevent forest fires. I know nothing about this, but intuitively it does not really seem to be.	6/2/2016 9:44 AM
14	I grew up in Ashland and the climate is decidedly different from the 50s and 60s -- more extreme heat in summer, less snow and cold in winter.	6/2/2016 8:54 AM
15	Reducing the local temperatures to lower fire danger, keeping waterways cool, managing the forests	6/2/2016 8:42 AM
16	These all are integrated with one another. Each one is concerning and they are happening all at the same time.	6/2/2016 8:01 AM
17	Effect on food supply, species survival. Fire	6/2/2016 4:28 AM
18	These impacts have already started and will only get worse.	6/1/2016 11:13 PM
19	...climate change!	6/1/2016 7:45 PM
20	All of these are in-store. The one thing we can truly influence is wildfire risk (creating more resilient forests); water availability will be next, but changes in snow pack are now unavoidable - ditto for extremes of precip and temperature. Responses to these (aside from reducing GHG) will be mostly reactionary.	6/1/2016 7:07 PM
21	These things are all related so I rated them equally.	6/1/2016 6:13 PM
22	As you see, I am "Very concerned" about all four.	6/1/2016 6:08 PM
23	water availability has a major impact for this region	6/1/2016 4:55 PM
24	we don't function well as humans if we don't have water.	6/1/2016 3:17 PM
25	you have no idea what will happen in the next 2 years let alone the next 50. Your computer models are based on guess work and bias.	6/1/2016 3:07 PM
26	Our water supply is linked to snow	6/1/2016 2:25 PM
27	All the consequences of a warming planet are exhibited in the above questions, and they are all impactful to our community.	6/1/2016 2:22 PM
28	Summer smoke and unsustainable cannabis production is if greatest concern.	6/1/2016 2:01 PM
29	These are all likely climate change impacts that could strongly change our current lifestyles.	6/1/2016 1:47 PM
30	Major impacts to lifestyles. Heat means more air conditioners and fewer people walking or biking.	6/1/2016 1:28 PM
31	These seem the most directly life threatening.	6/1/2016 1:27 PM
32	Economic, social, health and agricultural and other impacts that will affect everyone, especially those with limited means and mobility.	6/1/2016 1:13 PM
33	All of my research has shown me that these impacts are happening now and will get worse soon.	6/1/2016 12:51 PM
34	I believe that humans contribute to climate change but do not believe we are the sole cause. Therefore, I am more concerned about what we can address such as water availability and reacting to wildfires.	6/1/2016 12:49 PM
35	They all concern me. There is considerable overlap, or causal relationship, between said impacts.	6/1/2016 12:38 PM
36	All are equally important.	6/1/2016 10:53 AM
37	Each one is eminent.	6/1/2016 10:48 AM
38	Watershed has a limited supply and a limited carrying capacity and is susceptible to wildfire impacts (as is the whole community built on the interface).	5/31/2016 7:09 PM
39	They all impact each other.	5/29/2016 7:08 AM

## Ashland Climate and Energy Action Plan: Public Input Survey

40	We're already experiencing smoky, dry summers and near-miss wild fires.	5/28/2016 10:39 AM
41	All of the above are inter-related. Drought also leads to extreme dust, forest die-off, mega-fires like never before, extended fire-danger months each year, exploding pollen counts, and effects on our health. These are happening NOW, not 50 years from now. Ashland may be devastated in 50 years. Let's do something for the next 2, 5, and 10 years. Otherwise, it's too late. We have lost our home to last summers wildfire and are refugees. We are not the only climate change refugees in Ashland, and definitely not the last.	5/27/2016 12:47 PM
42	Temperature increase and extremes will drive changes to rainfall and wildfire along with human physical impacts	5/26/2016 11:22 AM
43	I am not sure climate change is a man made thing.	5/26/2016 9:48 AM
44	Hard to choose - all so critical!	5/25/2016 10:40 PM
45	All 4 are inter-connected. Drought my biggest concern.	5/25/2016 3:07 PM
46	our forests MUST be taken care of. Wildfire here in the watershed and forests surrounding Ashland would be a detriment to all	5/25/2016 7:10 AM
47	We already see wildfires all over the place every summer. With Drought-Emigrant lake almost went dry and a wildfire could come to town.	5/25/2016 2:57 AM
48	all pretty much related but snowpack and rain may be the biggest impact.	5/24/2016 8:29 PM
49	Water availability is key to life for humans and wildlife. Wildfire is extremely damaging and dangerous.	5/24/2016 7:51 PM
50	Anything that would heavily impact water ways will be disastrous.	5/24/2016 7:21 PM
51	We have work to do to prepare for drought that is very attainable. Slow it, spread it, sink it strategies address both drought and extreme water events.	5/24/2016 7:18 PM
52	Heat drought and fires will impact us all. I grow food and care about human as well as wildlife having enough to eat. Fires could destroy this whole area, or make it so hard to exist here. And lack of snow pack will impact us, how we grow crops, and how animals will cope.	5/24/2016 7:03 PM
53	They are all intertwined and impact the livelihood of us all. Plants, animals, and humans alike. The delicate infrastructure of our natural ecosystems is changing. It is all a threat.	5/24/2016 7:02 PM
54	People, plants and animals have a very narrow window of tolerance.	5/24/2016 6:59 PM
55	All concerns me greatly. I mostly fear thirst and getting too hot.	5/24/2016 6:57 PM
56	If we run out of water everything dies end of story and we can't stop fire unless we use our brains to find something else and inexpensive for alternative. As well as no help for the other problems if the water is gone	5/24/2016 6:37 PM
57	Water is crucial to our health and well being on every level.	5/24/2016 6:30 PM
58	The data is clear.	5/24/2016 6:28 PM
59	Water supply biggest concern, because most likely severe impact - but of course closely linked to fire hazard.	5/24/2016 6:02 PM
60	All of this is very scary and concerning	5/24/2016 6:01 PM
61	Increase of heat and drought will lead to economic and health difficulties for farming, low income, and outdoor labor based sectors.	5/24/2016 6:01 PM
62	Increase of heat and drought will lead to economic and health difficulties for farming, low income, and outdoor labor based sectors.	5/24/2016 5:58 PM
63	I see lots of sick trees uprooting because of extreme weather. I like trees and don't want this to happen.	5/24/2016 5:53 PM
64	Rising temps = longer, drier, hotter summers, more wildfire risk	5/24/2016 5:48 PM
65	anything extreme ,we are not prepared for	5/24/2016 3:27 PM
66	Fire damage to watershed and residential areas.	5/24/2016 3:25 PM
67	Three of these all come down to water and smart landscaping/forest area usage. Smart use of water will alleviate a lot of the issues with climate change.	5/24/2016 1:45 PM
68	Extremes in precipitation and temperature have always occurred and will continue. We must adapt to that, and fire is the highest risk for Ashland. Recent changes have not deviated significantly from historical records, if you include the past 1000 years.	5/24/2016 9:24 AM
69	More people and less wildlife	5/24/2016 9:23 AM
70	Fires especially--great impact on my professional and personal life	5/24/2016 9:12 AM

## Ashland Climate and Energy Action Plan: Public Input Survey

71	I believe climate change is unavoidable, uncontrollable, and not anthropomorphic. We will continue to adapt to our changing climate as we always have.	5/23/2016 10:29 PM
72	Temp. increase= lack of snow pack leads to less water=drought and more wildfire risk	5/23/2016 9:52 PM
73	We can live with the warming, but lack of water affects everything.	5/23/2016 9:47 PM
74	fires end. no water no life. temperature drives people to consume energy or move. ok no water no life	5/23/2016 9:00 PM
75	Without water life will cease to exist	5/23/2016 8:24 PM
76	survey only allowed answers to 2 of the above questions	5/23/2016 7:46 PM
77	you cannot control the weather and there is no sense trying	5/23/2016 7:32 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

### Q6 What specific actions or changes do you feel would most help Ashland reduce its greenhouse gas emissions footprint and/or prepare for climate impacts?

Answered: 82 Skipped: 14

#	Responses	Date
1	Reduce car options, and increase bike, pedestrian and public transportation options.	6/10/2016 4:12 PM
2	Just for a start: 1. Provide more public transportation, with some kind of motivator to use it. 2. Insure all public buildings are as energy efficient as possible. 3. Find a way to recycle plastic (i.e. Plastic Roundup) even if we have to pay to do it.	6/9/2016 8:58 PM
3	City infrastructure. Use all EVs. Passive and active solar. No control burns. Leave carbon in the ground.	6/9/2016 8:37 PM
4	Improving public transportation options, including ride share-type programs, improved bus service, and "shuttle" service for local short trips (hotels to OSF, etc)	6/8/2016 11:19 AM
5	not sure but open to learning, this is a small enough town that I think we could have great impact together	6/8/2016 6:25 AM
6	Support alternative transportation options, cap growth, require net zero energy building from here on out, relax any obstacles to in-town food growing endeavors.	6/7/2016 6:13 PM
7	assistance for alternate home energy sources, allowing water reclaiming and green public transportation	6/6/2016 1:25 PM
8	Preserving local farm and forest lands by reducing sprawl and concentrating future development within the existing Urban Growth Boundary.	6/3/2016 4:55 PM
9	Convert to local solar as much as possible	6/3/2016 3:04 PM
10	Stop burning wood stoves. Make downtown a no car zone. Develop a viable transportation system that meets the needs of Ashlanders beyond the bus.	6/2/2016 8:25 PM
11	alternative energy sources such as wind and solar.	6/2/2016 2:57 PM
12	Reducing consumption/transportation while becoming more autonomous with food, water and energy.	6/2/2016 11:10 AM
13	Continued emphasis on local food purchasing, on bike/walk benefits, improving water conservation incentives and education.	6/2/2016 10:17 AM
14	Incentivise the desired behaviors. Plant more more trees. Promote drought tolerant landscapes and not motorized transportation. Promote gray water and rainwater catchment. Require them on new all new development with incentives. Tax higher those who build GIANT homes. Use money to pay for incentives.	6/2/2016 10:08 AM
15	Ashland is doing a good job creating pedestrian and bicycle friendly space. Personally, when I do my spring cleaning, I throw away things that I know could be used/recycled (old cloth to make paper, high quality used candles) and wonder if, as a community we could increase our smart-quotient here. Love that our recycled glass is used for our roads, as an excellent example. I think citizens and businesses are conscious of resources consumed for the most part. Preparing as a community for a disaster is another area we could I,prove upon.	6/2/2016 9:44 AM
16	Better transportation system.	6/2/2016 9:32 AM
17	Reduce vehicle trips. Plant more trees. Provide a free bus running a loop to help residents and visitors move around town. Build the E. Nevada bridge. Don't compromise on the requirement to provide sidewalks and bike lanes.	6/2/2016 8:54 AM
18	1.drastically reduce cars within city limits. 2. More public transportation 3. more tree planting and correct tree planting	6/2/2016 8:42 AM
19	Moving toward the city utility using renewables(solar& wind)Encouraging, if not subsidizing,solar on houses. Getting a bike lane through downtown. Getting a local shuttle(electric at best)through and around town to reduce auto use. Encourage Recology to start a composting facility. Eliminate the sale of plastic bottled water under one gallon.	6/2/2016 8:01 AM
20	Grey water use , conservation of resources , solar, balancing reduced water use with the need to protect pollinators and trees	6/2/2016 4:28 AM
21	Build low cost housing. Incentives pubic transportation to markets and shops	6/1/2016 11:13 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

22	See comments under #4. We need clean local renewable energy. Why hasn't Governments responded? Why hasn't Ashland responded. Climate change in NOT a new threat....	6/1/2016 7:45 PM
23	To reduce GHG: STRONGLY incentivise alternative energy and improve walkability, bikability and public transit (including building the Nevada St. bridge). To prepare: focus on natural water storage, conservation, and delivery - gray water?!?	6/1/2016 7:07 PM
24	1. Fewer houses burning fuels such as natural gas or wood for heat or esthetics. 2. Instead of venting methane in places such as the landfill, put it to use.	6/1/2016 6:13 PM
25	Public education about the issues and solutions. Assessment and planning by the City and its partners. Policies and incentives to reduce harmful behavior and incentivize helpful changes.	6/1/2016 6:08 PM
26	- more efficient homes, buildings, and appliances, such as LED light, automatic switches, faucet, toilet, etc.. - solar panels	6/1/2016 4:55 PM
27	encourage/reinforce individual action/commitment to behavioral change	6/1/2016 3:17 PM
28	How do you prepare for the impact of an unknown?	6/1/2016 3:07 PM
29	Encourage smaller, more energy efficient housing and transportation. Greater options for garbage than landfill. Forest thinning. Community sharing of land and resources.	6/1/2016 2:22 PM
30	1. Subsidize bus service from end to end in town so that more people are tempted to use the bus for errands (would have to run every 15 minutes I think). 2. Provide parking (ie at Lincoln School) so people can leave their vehicles on Siskiyou and then use them to drive their groceries up the hill - people are not going to walk up mountain st with 2 bags of groceries). 3. Provide education about carbon footprint for different types (or maybe just the worst types) of building materials/furniture/food/goods to help people make good choices. 4. Use wind power. Ashland has a lot of wind. 5. Provide even better prices for selling renewable power back to the grid - this was a winner policy in Germany that started a solar revolution. We could be a major example to other cities for how this works and doesn't hurt the city (esp. since we are at risk of moving to a higher cost level with all the marijuana grows).	6/1/2016 1:47 PM
31	Tax gasoline. Use proceeds for other programs, such as improved insulation in older homes, better transit.	6/1/2016 1:28 PM
32	Education of all citizens about the inevitability of the changes we are facing and a timetable that would motivate all of us to make changes	6/1/2016 1:27 PM
33	More real bike and transit amenities, reduce car trips especially downtown, bike rental/share kiosks, more and better pedestrian amenities that provide connectivity and safety, and a commitment to a local trolley or transit system.	6/1/2016 1:13 PM
34	#1 would be our diet. Animal agriculture is huge. next, we should minimize Air travel as well as cars etc...next localize food production. next reduce consumption.	6/1/2016 12:51 PM
35	Increase bicycle accessibility and encourage reduced gasoline vehicle use. Perform what fire reduction risks we can. Encourage drought-proof yards.	6/1/2016 12:49 PM
36	Continued active forest mgmt for reduced severe wildfire risk, creating more efficient transportation systems and land use regulations, codes, etc.	6/1/2016 12:38 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

37

Consumption is nearly 50% of our GHG emissions. This is huge but will take time to educate the public and to get manufacturers to change their ways. We should buy GHG offsets through "fees" and apply the money to local renewable energy production and water use savings incentives (e.g. EPC's – see below). Transportation accounts for 23% of Ashlanders GHG emissions, and is also somewhat gnarly to address. It can, however, be addressed in the long run with integrated transportation and land use policies, as more and more vehicles become electric, if we can educate people to drive less and bike/walk more, provide suitable, frequent mass transportation, and encourage grocery stores to have delivery services thereby reducing traffic flow to the grocery stores. Buildings account for 27% of all of Ashland's GHG emissions and presents the lowest hanging fruit for making meaningful changes. • We need to make even more incentives available to people in order for them to retrofit their buildings to being more energy efficient, and to educate them on how to turn thermostats appropriately to conserve energy. • We need to get solar pv on every building that has the appropriate exposure. We could create neighborhood level "solar pv" cooperatives where several homes/businesses/apartments etc could develop a cooperative where those that have proper solar exposure would have panels paid for by the cooperative, and all would share in the fruits of reduced energy costs across the cooperative. • We need to drastically reduce or remove natural gas as a heating and cooking option and go to all electricity. • Our housing stock in Ashland is 50% rentals. Most landlords are not interested in insulating, replacing windows, etc. if it is not going to make them more money on their rentals. Likewise, some owner occupied residences are not retrofitting because the incentives are not worth it to them (yet). Therefore, we need incentives for them to do so. o "energy savings performance contracts" like what the federal government is doing with its buildings where bonded contractors come in and perform retrofits and the owners pay nothing up front. If the energy savings over a horizon of time (say 10-20 years) is demonstrated, then owners never have to pay a cent. If they don't demonstrate enough energy savings over that period of time, then they are obligated to pay for the cost of the services plus interest.... read more here <https://www.greenbiz.com/blog/2013/09/05/expect-deep-retrofits-federal-buildings-heres-why>. o Take the city of Boulder CO city facilities energy performance contract. They have chosen ... "It is important that the city leads by example and does its part to reduce the community's energy consumption and GHG emissions". In June 2009, the City of Boulder partnered with the Colorado Energy Office on an Energy Performance Contract (EPC), which has enabled the city to make significant energy efficiency upgrades to 66 city facilities. The EPC allowed the City of Boulder to enter into a 2009 lease purchase agreement with McKinstry to implement efficiency upgrades that will be paid off over time using the guaranteed savings from reduced energy and water bills. The upgrades do not cost Boulder taxpayers any additional money and the community will benefit from reduced operations and maintenance costs. → The city's strategic investments in energy efficiency, renewable technologies and water-saving devices will be offset by decreased utility bills and maintenance costs. → The EPC project is a prime example of city programs that are both environmentally and fiscally responsible. → Employee Awareness and Engagement - powerED Program. The powerED program is part of the Energy Performance Contract and is an employee behavior change campaign intended to reduce energy consumption in city facilities. The program began in 2014, and focuses on three areas: People: engage occupants and increase awareness; Process: engage operators and optimize systems; and Performance: energy savings progress tracking and reporting (using a dashboard). → More info <https://bouldercolorado.gov/public-works/energy-efficiency-upgrades-at-city-facilities-energy-performance-contract> o Portland also has an ordinance. See 5.34.880 Energy Savings Performance Contracts (ESPC) for Portland: <https://www.portlandoregon.gov/citycode/article/553736> . o Here is an example of Energy Performance Contracts for Local Governments for New York State – industry standards and best practices guide – 2013: An EPC uses those energy savings to finance the cost of new equipment and other capital improvements over several years. In addition, by bundling multiple small up-front improvements, an EPC allows local governments to leverage money from quick paybacks on those improvements to finance the larger scale investments. In a typical EPC process, the local government hires a private energy services company (ESCO) to conduct an investment-grade energy audit of its assets and identify cost-saving energy improvements. If the local government and ESCO agree to pursue the contract, the ESCO guarantees a level of cost savings to result from implementation of the energy improvements. An EPC can vary in scope. Some contracts are for just one building or a sample of buildings, while others are for managing an entire portfolio of buildings. [http://www.dec.ny.gov/docs/administration\\_pdf/epcguide.pdf](http://www.dec.ny.gov/docs/administration_pdf/epcguide.pdf) Natural systems: • If we planted trees around all of the houses to reduce the amount of energy that must be consumed to air condition a home, we need to be smart about it in order to also optimize the availability of rooftops to put solar pv onto. • It might be worthwhile to check with the Forest Service to see if they would be interested in partnering with the City of Ashland by allowing the Ashland Watershed carbon sequestration GHG gas mitigation to be claimed by the City.

6/1/2016 10:53 AM

## Ashland Climate and Energy Action Plan: Public Input Survey

38	<p>Consumption is nearly 50% of our GHG emissions. This is huge but will take time to educate the public and to get manufacturers to change their ways. We should buy GHG offsets through "fees" and apply the money to local renewable energy production and water use savings incentives (e.g. EPC's – see below). Transportation accounts for 23% of Ashlanders GHG emissions, and is also somewhat gnarly to address. It can, however, be addressed in the long run with integrated transportation and land use policies, as more and more vehicles become electric, if we can educate people to drive less and bike/walk more, provide suitable, frequent mass transportation, and encourage grocery stores to have delivery services thereby reducing traffic flow to the grocery stores. 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Some contracts are for just one building or a sample of buildings, while others are for managing an entire portfolio of buildings. <a href="http://www.dec.ny.gov/docs/administration_pdf/epcguide.pdf">http://www.dec.ny.gov/docs/administration_pdf/epcguide.pdf</a> Natural systems: • If we planted trees around all of the houses to reduce the amount of energy that must be consumed to air condition a home, we need to be smart about it in order to also optimize the availability of rooftops to put solar pv onto. • It might be worthwhile to check with the Forest Service to see if they would be interested in partnering with the City of Ashland by allowing the Ashland Watershed carbon sequestration GHG gas mitigation to be claimed by the City.</p>	6/1/2016 10:48 AM
39	Focus less on "gadget green" add-on's and ways to consume ourselves out of a problem of consumption and look at how to plan the city as an integrated, holistic ecosystem with living buildings and a "cradle to cradle" approach.	5/31/2016 7:09 PM
40	limit downtown vehicle traffic, encourage more solar heating, partnerships that would encourage more use of electric cars	5/29/2016 7:08 AM
41	Electric trolleys, car-free main streets, incentives for gray-water retrofits and solar hot water, make more, import less, limit growth.	5/28/2016 10:39 AM
42	Strong ordinances, recognizing emergency situation. Clean, safe houses for citizens during the smoke months of July through September. An end to any support for petroleum industry. Mitigation plans for smoke, heat, and drought for citizens. Emergency evacuation plans for citizens. Year-round DEQ particulate monitor in Ashland. Medford is different due to topography, winds, etc. Winter inversions and summer smoke can be deadly.	5/27/2016 12:47 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

43	Getting the city and then a majority citizens aware of the global warming impacts and motivated to act to reduce their GHG footprint.	5/26/2016 11:22 AM
44	I think homelessness in Ashland is a bigger issue	5/26/2016 9:48 AM
45	Having a legally binding ordinance, informed by a robust Climate Action Plan, is HUGE. Great first step	5/25/2016 10:40 PM
46	Mass transit, gas tax, encouraging bicycling and walking, water rationing, relaxing zoning laws to permit more food production. Compost pick-up by Recology.	5/25/2016 3:07 PM
47	Get rid of the road diet. Those of us who live at that end of town not only have worse traffic but the idling traffic makes the air horrible since it's always backed.	5/25/2016 9:37 AM
48	Ashland alone cannot change the world. it takes effort on behalf of all surrounding communities locally, statewide, and on a national level	5/25/2016 7:10 AM
49	Keep up the good work on healthy low litter forests surrounding the town. Encourage electric cars and home electrical generation. Expand recycling program.	5/25/2016 2:57 AM
50	City electric department can use rates and solar installation incentives to make big difference and be equitable to low income folks too	5/24/2016 8:29 PM
51	Move our economy to clean energy development. Create green jobs and boost the economy by paying living wages to local workers. Pass an ordinance that is tied to the climate plan so that we must hold our city accountable to meet numerical targets and benchmarks in GHG emission reduction.	5/24/2016 7:51 PM
52	Educating. Every step that we take to teach people to be aware the more voices the issue have. It's a feed back loop that leads to more change.	5/24/2016 7:21 PM
53	Rehydrate the watershed, drought proof home landscapes, smaller homes with passive solar for heating and cooling.	5/24/2016 7:18 PM
54	Generate a lot more local sources if renewable power and dig another reservoir for water catchment. If we don't do this it will be foolish. Snowpack will be Jill, so we need to catch more rain. She said it tonight and the map showed the decrease.	5/24/2016 7:03 PM
55	Improve streets for biking.	5/24/2016 7:02 PM
56	More communication between fields	5/24/2016 7:00 PM
57	Massive solar farm.	5/24/2016 6:59 PM
58	MAke Ashland more easier to travel by foot,, etc.	5/24/2016 6:57 PM
59	Large companies that give us electricity and our consumer delivered products and RVTD need to make all trucks and buses electric that would be such a large contribution and then we can work on make electric cars affordable for the people too. We also need EVERY living complex apartments homes etc to have recycling and compost and better accessibility for disabled people to do it.	5/24/2016 6:37 PM
60	Emphasis and support bike transportation.	5/24/2016 6:30 PM
61	An accountable action plan based on the 5 standards developed by Rogue a Climate Ashland & Youth Climate Action	5/24/2016 6:28 PM
62	Codifying the goals in an ordinance. Developing local energy saving and energy generation plans.	5/24/2016 6:17 PM
63	Solar farm	5/24/2016 6:06 PM
64	Incentives for reduced car use and rooftop solar	5/24/2016 6:02 PM
65	Looking at science based goals and working our way to get there	5/24/2016 6:01 PM
66	Renewable energy and more resources for the groups who will be most impacted by climate change.	5/24/2016 6:01 PM
67	Renewable energy and more resources for the groups who will be most impacted by climate change.	5/24/2016 5:58 PM
68	Helping the individual homeowner help conserve and make changes	5/24/2016 5:53 PM
69	Elec cars and reduce natural gas use for heating and water heating	5/24/2016 5:48 PM
70	I don't know	5/24/2016 3:27 PM
71	Continue and enhance conservation and energy efficiency efforts. Reduce fossil fuel based transportation traffic inside and coming to the City.	5/24/2016 3:25 PM
72	Multiple methods of transportation to make us less reliant on gas burning for getting around.	5/24/2016 1:45 PM
73	Solar panels on buildings - gov. buildings, schools etc. Incentives for businesses to use 'green energy' Building up biking infrastructure and public transit Incentives to plant native plants/trees, water-smart gardens	5/24/2016 10:54 AM

## Ashland Climate and Energy Action Plan: Public Input Survey

74	I honestly believe the CO2 focus is misplaced, and a form of mass hysteria. I am not "denying" science, I have studied it a great deal. There are things we should do, because they help on many levels to cope with climate change. They are the right thing to do. Focusing only on CO2 is a distraction. Do something about water resources, forest resilience, pollution reduction, corruption in government. Do not allow the process to be driven by the most radical activists with the loudest voices.	5/24/2016 9:24 AM
75	Get ride of all the motors that burn fuel starting with weed whacker and blowers.	5/24/2016 9:23 AM
76	Stop spending taxpayer money on silly surveys like this one.	5/23/2016 10:29 PM
77	start a program to sequester carbon where lawns were put layers of permaculture edible forests which grow food and hold moisture as well.	5/23/2016 9:52 PM
78	Even more solar panels on public, private, and commercial buildings. Tax breaks and rebates will go a long way to promote this. All new buildings MUST have solar panels.	5/23/2016 9:47 PM
79	regulate fossil fuel use. expand solar production. create real mass transit. limit private car use in town...airports do it even with tourist hordes.	5/23/2016 9:00 PM
80	Reduce traffic of gas powered vehicles, forbid wood stoves	5/23/2016 8:24 PM
81	water usage regs	5/23/2016 7:46 PM
82	there are no climate impacts that we can control	5/23/2016 7:32 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

### Q7 Please describe challenges or barriers, if any, to taking action on climate in Ashland.

Answered: 75 Skipped: 21

#	Responses	Date
1	Citizens willingness to participate	6/10/2016 4:12 PM
2	peoples resistant to change and the cost to do so	6/10/2016 1:07 PM
3	1. People (me included) are reluctant to give up the old convenient ways to do things. 2. Most action requires money, or will impact businesses, corporations, etc. People do not like to spend money on this issue, since the payoff seems out in the future. We are generally shortsighted.	6/9/2016 8:58 PM
4	the American "car culture" has left us thinking each person needs their own car, we must get where we're going quickly, walking is a waste of time, etc. This is a huge barrier.	6/8/2016 11:19 AM
5	money or lack thereof, differences of opinion	6/8/2016 6:25 AM
6	The powerful 'old guard' segment of the population. All actions that seem to put an ever growing tourist base above all else.	6/7/2016 6:13 PM
7	well there isn't much I can personally do as I am financially limited due to my work as a social servant	6/6/2016 1:25 PM
8	Concerns over higher density housing, using less land per dwelling than traditional patterns, will be perceived as consuming limited land area and losing yards and home gardening opportunities. However it should be noted that doing so preserves more efficient farming opportunities within rural county areas.	6/3/2016 4:55 PM
9	Lack of sense of emergency in City government	6/3/2016 3:04 PM
10	The rest of the Rogue Valley, and the world in general.	6/2/2016 8:25 PM
11	Entitlement....	6/2/2016 11:10 AM
12	Ashland is small - we should work with other cities to form local and regional alliances. More cooperation and bridge building.	6/2/2016 10:17 AM
13	The city's conflict of interest in selling electricity and water. Citizens who don't care. The need to create NEW, creative paradigms for running a city and supporting the needs of the community. GREED makes progress difficult and the "not in my backyard" mentality.	6/2/2016 10:08 AM
14	Communication to residents; getting people to take the time to follow up with each other and follow through on personal commitments on behalf of the community	6/2/2016 9:44 AM
15	Citizen will and apathy	6/2/2016 9:32 AM
16	People don't like change so education is essential to help bring change in the use of vehicles and increasing the numbers of walkers/bikers.	6/2/2016 8:54 AM
17	outside business interests, fossil fuel companies, GMO positions, Republican laissez-faire attitudes	6/2/2016 8:42 AM
18	FUNDING. Obstructionist legislation from the top. Climate change deniers. (I don't think Ashland has many of these, but...)	6/2/2016 8:01 AM
19	The age of the population , fact it is a tourist town and unreasonable expectations we will become a biking town . Disagree with downtown circulation plan do not support the road diet but think public transportTion and electric cars are important. Have seen very few bikes use the bike lane , negative impact to neigh goods and ability to get to hospital and turn left on Wimer	6/2/2016 4:28 AM
20	Housing prices (not sufficient affordable housing). Many of the workers in town live elsewhere. Drive to town.	6/1/2016 11:13 PM
21	Unwillingness to change ...?	6/1/2016 7:45 PM
22	1. Public attitudes - people are more willing to point the finger at a "boogie man" than to recognize their own part in a problem. 2. Money - adaptation is not free.	6/1/2016 7:07 PM
23	Cost.	6/1/2016 6:13 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

24	Old habits. Greed. Confusion ... "the Fog Bank." The relatively slow pace of climate change, that makes the changes harder for us primates to see and feel concerned about. The many distractions that are so important to us. The reluctance many people feel, to grind their guts about something that feels uncontrollable. The well-founded conviction that "the people in charge," in the Federal government are abysmally unfit.	6/1/2016 6:08 PM
25	- the will to break old habits	6/1/2016 4:55 PM
26	larger scale action requires state/federal action more so than (small town) local. Doesn't mean don't do anything, but big changes need to happen at higher levels	6/1/2016 3:17 PM
27	First, writing surveys designed to make folks answer questions the way you want the survey to turn out only fools your useful idiots. Next look at all sides of the issue, not just the side you like. How can you make an informed decision if you don't look at all the facets?	6/1/2016 3:07 PM
28	Citizens' desire for autonomy; lack of willingness to share land and resources. In America, we consider it our right to do whatever we choose, regardless of the consequences. Even in rural China every house has a solar hot water heater on the roof. Solar is subsidized there; large buildings have massive, living, green roofs. In France, giant furnaces with scrubbers on them incinerate garbage; there is mass public transport all over Europe.	6/1/2016 2:22 PM
29	Intermediary entities profiting from certifications and restrictions.	6/1/2016 2:01 PM
30	People won't change their habits unless something is easy to change without much disruption (ie. if they can take the bus with little planning or waiting, if they can find a lovely recycled glass countertop they love as much as Italian marble, etc. )	6/1/2016 1:47 PM
31	Apathy	6/1/2016 1:28 PM
32	Apathy. The reality that so far we are not experiencing anything very painful or even inconvenient related to climate change.	6/1/2016 1:27 PM
33	Chamber of Commerce, too much control of the narrative, and continually obstructive to real change. City staff incompetent.	6/1/2016 1:13 PM
34	No one wants to address Animal Agriculture... it is the ultimate taboo - and the ultimate way each of us can reduce our footprint in a very big way.	6/1/2016 12:51 PM
35	Same as anywhere. Getting full participation and a full buy-in by the citizens and businesses.	6/1/2016 12:49 PM
36	financial constraints, time needed for implementation	6/1/2016 12:38 PM
37	Apathy, lack of understanding, low priority over other things.	6/1/2016 10:53 AM
38	Lack of incentives to make change. Not enough "peer" pressure to change.	6/1/2016 10:48 AM
39	A general commitment to going through processes (and sometimes creating plans that are never adopted) in lieu of making meaningful changes that result in outcomes.	5/31/2016 7:09 PM
40	Businesses might feel negatively impacted. Cost to install solar panels and purchase electric vehicles might be prohibitive for many people. We need to have greater incentives. Partner with dealerships.	5/29/2016 7:08 AM
41	State laws on growth. Overcoming resistance to change.	5/28/2016 10:39 AM
42	Chamber of Commerce, Board of Realtors, many tourist industry businesses are appearing like climate deniers. It threatens their livelihood to the detriment of Ashland people.	5/27/2016 12:47 PM
43	Convincing people it is more costly to take no action, that your actions matter even if other states outside Oregon are not convinced at this time.	5/26/2016 11:22 AM
44	Taxes	5/26/2016 9:48 AM
45	Household goods and food is a v.high portion of GHG inventory, but is very difficult to understand, measure, and affect. The recent paper bag law shows how difficult it is to REQUIRE people to change their habits.	5/25/2016 10:40 PM
46	People's addiction to cars/trucks. Downtown merchants' addiction to parking. General over-consumption. Everyone has an axe to grind, some loony. In general, city government talks too much and has trouble reaching decisions/conclusions; action needed!!	5/25/2016 3:07 PM
47	Does the city encourage homeowner self sufficiency? More use of Solar and wind would help the whole west coast elec supply. I didn't know you were working on this plan. Let more people know!!	5/25/2016 2:57 AM
48	city council will not make big changes especially in electric rates and solar installations.	5/24/2016 8:29 PM
49	Any measures we take to reduce GHG emissions must be socially equitable. We must not displace low income people, students, elderly or disabled people because of higher costs for energy or other additional burdens.	5/24/2016 7:51 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

50	It's so huge and the changes so big, and most people have little idea about how much we could be affected. That makes it hard to deal with and easier to stay in denial....it's overwhelming in other words. Abs so little being done nationally.	5/24/2016 7:03 PM
51	The challenge would be agreeing on what is most important to focus on first. It has the potential to stall an action that is needed now.	5/24/2016 7:02 PM
52	Change is slow and everyone has their own agenda. Need a strong game plan and sell it to the community.	5/24/2016 6:59 PM
53	People's lack of awareness and concern	5/24/2016 6:57 PM
54	Challenges definitely involve money and the quickness in which these changes can be made like the transportation stuff and forcing a lot of people to volunteer for these committees which makes it harder for people to join in when they need to be making money.	5/24/2016 6:37 PM
55	Risk aversion.	5/24/2016 6:30 PM
56	The will to do it and and a comprehensive education to build community support. Inclusion of mitigation to help community members negatively impacted by the action plan.	5/24/2016 6:28 PM
57	Financial challenges, not allocating resources to getting people connected to existing programs. To really move this forward we need a lot of forward thinking and we need to incorporate our goals into every aspect of our communities planning and operation. Codifying the plan in ordinance will be a big step forward in ensuring that our goals are implemented.	5/24/2016 6:17 PM
58	Money and political will	5/24/2016 6:06 PM
59	Difficult to make Costa-effective bus system	5/24/2016 6:02 PM
60	Making sure underserved groups aren't penalized	5/24/2016 6:01 PM
61	Money and public buy in.	5/24/2016 6:01 PM
62	Money and public buy in.	5/24/2016 5:58 PM
63	More public transportation, tax breaks for gray water, rain catch, etc.	5/24/2016 5:53 PM
64	Be careful about telling people what they HAVE to do	5/24/2016 3:27 PM
65	Misdirection by special interests (ie. special interest energy advocates when continued fossil fuel use (local plus visitors) should be our biggest concern.	5/24/2016 3:25 PM
66	Many houses - mine included - still need to do a better job of becoming firewise. As soon as I can move to Ashland full time that is at the top of my list. Getting out of the habit of hopping in the car for every little trip.	5/24/2016 1:45 PM
67	Getting other people on board - getting people to reduce their consumption levels, travel without fossil fuels, support green energy	5/24/2016 10:54 AM
68	Consensus, or lack thereof.	5/24/2016 9:24 AM
69	People not taking responsibility to protect our world and wildlife.	5/24/2016 9:23 AM
70	The very concept of "taking action on climate" is ludicrous.	5/23/2016 10:29 PM
71	Tourism-the economic impact of taking CC seriously could affect tourism. I think we could draw even more folks here and teach them to respect the natural environment that supports them, or doesn't if they keep treating as a endless resource. Folks that don't want change, and seem to feel they are entitles to live HOWEVER they want...even if it uses someone else share of water because they can pay more for it. Limit the use of water, fines for those using to much. They think it is not going to affect them in their lifetime so so what! Everyone has low flow shower heads. Everyone participates. Show documentaries through the city to help educate folks. Talk about their GRANDChildren!	5/23/2016 9:52 PM
72	Finding the funding for tax breaks and solar rebates might be difficult.	5/23/2016 9:47 PM
73	short term greed.vanity.ignorance ,rule by those satisfied with status qou..as they see it.	5/23/2016 9:00 PM
74	Money, ignorance	5/23/2016 8:24 PM
75	global warming, climate change, etc. are a hoax. move on to something more important and controllable. Maybe the budget?	5/23/2016 7:32 PM

Ashland Climate and Energy Action Plan: Public Input Survey

**Q8 Is there anything else you would like us to consider in development of the Ashland Climate and Energy Action Plan?**

Answered: 64 Skipped: 32

#	Responses	Date
1	inexpensive and easy "grey water" systems	6/8/2016 11:19 AM
2	Very seriously invest in bicycle-friendly infrastructure rather than pursuing the non sustainable 'car is king' mindset.	6/7/2016 6:13 PM
3	we should have bike sites around town to discourage driving	6/6/2016 1:25 PM
4	Promotion of decentralized electricity production (off-grid), incentivising zero net energy homes and small energy systems to enable electric vehicles to be more readily adopted and thus reduce reliance on fossil fuels.	6/3/2016 4:55 PM
5	Stop dumping raw sewage in the creek.	6/2/2016 8:25 PM
6	More a question to consider. If our task is to save humanity and we don't truly consider (no matter how painful) the entire family of life, aren't we just continuing the painful disconnected perspective that keeps us from responding from a fuller intelligence?	6/2/2016 11:10 AM
7	Diverting food waste from the landfill and making local soil to continue the cycle of life.	6/2/2016 10:08 AM
8	Yes. I would like the city to consider working with "citizen juries" that reflect the diversity of our city, as well as the committees appointed by the mayor.	6/2/2016 9:44 AM
9	I would like the city council and city staff to think big and embrace a long term future plan.	6/2/2016 8:54 AM
10	Diagram individual use and impact--how much air, water, food, space does one individual use and need, multiply that by city population. Consider developing roof gardens and vertical wall plantings. Use the expertise of the SOCAN (Southern Oregon Climate Action Now) group	6/2/2016 8:42 AM
11	Effects on the homeless population...providing for cooling and warming centers.	6/2/2016 8:01 AM
12	When creating a plan understanding impact to downtown, which effects our economic survival. Concern about the amount of illegal coming in the watershed, © lifted and propane tanks found and fire danger	6/2/2016 4:28 AM
13	Incentives walking, biking, use of public transport to school and work,	6/1/2016 11:13 PM
14	...thinking outside the box!	6/1/2016 7:45 PM
15	Striking a balance between reaching for lofty ideals and focusing on pragmatic solutions is a challenge. Both are needed. Good luck!	6/1/2016 7:07 PM
16	Be practical and realistic.	6/1/2016 6:13 PM
17	As we do the Climate assessment, planning, and implementation for our own city, I'm wondering if there are ways that we can help other cities, and our state, and other states, and the Federal government, and the general public, choose to give more appropriate kinds of attention, energy, resources, and action to Climate Change.	6/1/2016 6:08 PM
18	- workshops to help educate residence - bike lanes	6/1/2016 4:55 PM
19	be realistic	6/1/2016 3:17 PM
20	The climate issue is a con. Our, the Earths, climate has been fluctuating for as long as we've had a climate. Sometimes its hot and sometimes its not	6/1/2016 3:07 PM
21	A local, free electric shuttle tram that moves people locally around town.	6/1/2016 2:22 PM
22	Focus on a few big bang for the buck projects (bus, energy pricing, building codes) and leave all the little stuff for other groups to push.	6/1/2016 1:47 PM
23	Be realistic, especially about the benefits of educating the public.	6/1/2016 1:28 PM
24	It has to become everybody's problem, not just our leaders or public service agencies.	6/1/2016 1:27 PM
25	No.	6/1/2016 1:13 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

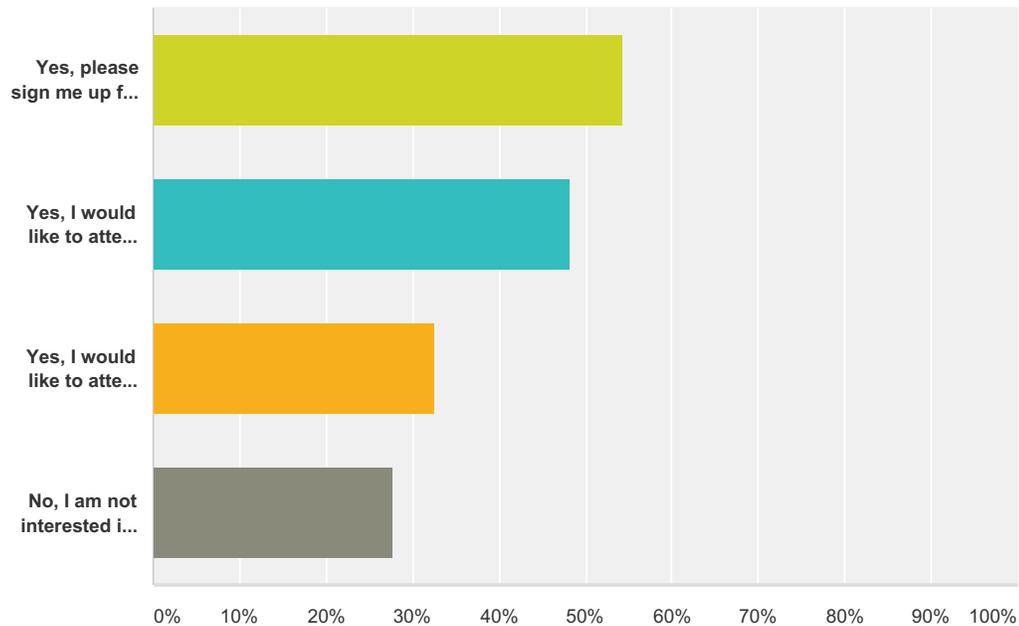
26	I'd like to get the full picture of what it would take to install renewables at scale here. also what the real costs would be... the actual benefits when all resources and costs are factored in.	6/1/2016 12:51 PM
27	Common sense and gradual implementation. Americans tend to over-react and over legislate.	6/1/2016 12:49 PM
28	1) I have spoken with many people who simply could not make it to the 1st public forum. They are very interested in having an opportunity to review material and give their input, just as those who were at the event had an opportunity to do so. After each open house we should post a replica of what went on at each open house for a period of time after the public event (including video and ppts of speakers). A website should contain all of the material and a link to a survey for each of the questions brought before the public during the open house and allow others who were unable to attend the meeting to give their input as well. 2) Speakers at the public meetings should have a more dynamic interaction with the audience. Some speakers at the first public meeting presented data in a very dry and possibly overwhelming way. We need lively, engaging speakers when presenting material and data.	6/1/2016 10:53 AM
29	1) I have spoken with many people who simply could not make it to the 1st public forum. They are very interested in having an opportunity to review material and give their input, just as those who were at the event had an opportunity to do so. After each open house we should post a replica of what went on at each open house for a period of time after the public event (including video and ppts of speakers). A website should contain all of the material and a link to a survey for each of the questions brought before the public during the open house and allow others who were unable to attend the meeting to give their input as well. 2) Speakers at the public meetings should have a more dynamic interaction with the audience. Some speakers at the first public meeting presented data in a very dry and possibly overwhelming way. We need lively, engaging speakers when presenting material and data.	6/1/2016 10:48 AM
30	Making a plan is only a first (tiny) step... Then you need to provide funding to support implementation including staffing, public education, compliance, etc.	5/31/2016 7:09 PM
31	Thank you for all the great work you are doing right now.	5/29/2016 7:08 AM
32	SOAR - Save Our Agricultural Resources! Limit importing food.	5/28/2016 10:39 AM
33	Use shorter term targets. 50 years is coming from denial. We are in crisis now. Though most do not know it yet. Be a committee that recommends action and ordinance, not just study, study, study.	5/27/2016 12:47 PM
34	Important to breakout from the total GHG reduction goals in what the city can commit to vs what Ashland citizens need to commit to. Decide if it makes any sense to use carbon offsets.	5/26/2016 11:22 AM
35	Solar Roads	5/26/2016 9:48 AM
36	Mandatory energy assessment at time of sale for residential properties, and for leasing/selling commercial properties. Second step would be a list of mandatory upgrades. All supported by financing (PACE?). Would also like to see a concerted effort to reach kids in schools and start them early in understanding climate issues - I saw a lot of grey hair at the recent open house, need to empower the next generation. Would also like to see social science best practice applied for behavior change programs/initiatives. If you want people to act you can't just 'inform/educate' them and expect change to just happen, it's more complicated than that!	5/25/2016 10:40 PM
37	Hope talk, meetings, consultants, power point presentations, etc. etc. etc. results in ACTION. Not everyone can like every part of the plan.	5/25/2016 3:07 PM
38	Manage the forests, encourage trees and landscape with vegetation. Encourage Solar, LEDS, etc.	5/25/2016 7:10 AM
39	Make it easier for us to do wanted things instead of harder/more expensive to do unwanted things.	5/25/2016 2:57 AM
40	Equity is crucial for our plan so that low income folks are not overly impacted	5/24/2016 8:29 PM
41	All of our climate plan's targets and benchmarks must be made on the basis of the most up-to-date accepted science.	5/24/2016 7:51 PM
42	agriculture agriculture agriculture. If we keep letting all the land go to wine and cannabis, we won't have enough locally grown food!	5/24/2016 7:03 PM
43	Consider having a community parade and involving the local schools.	5/24/2016 7:02 PM
44	Promote more human powered locomotion.	5/24/2016 6:59 PM
45	Require recycling	5/24/2016 6:57 PM
46	It's great and all we have these public meetings with info but it would be nice if some people could start like door to door info and incentives for people to start doing things at home to make differences. Or things that people can do who are willing to help these committees get things moving.	5/24/2016 6:37 PM
47	Recreation and leading the way for holistic "joyful" living. Public spaces for community gatherings and celebration.	5/24/2016 6:30 PM
48	It requires a culture change & creative solutions.	5/24/2016 6:28 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

49	We need to be sure that our goals are based in science and that our plan is equitable to all Ashland residents. It is important that the solutions our community chooses to move forward do not disproportionately impact low income communities and that there are targeted efforts to get input into the plan from sectors of our community that could be more impacted.	5/24/2016 6:17 PM
50	Action items	5/24/2016 6:06 PM
51	An ordinance	5/24/2016 6:01 PM
52	Consider adopting fee and divided legislation	5/24/2016 6:01 PM
53	Consider adopting fee and divided legislation	5/24/2016 5:58 PM
54	Community lunches	5/24/2016 5:53 PM
55	small implementations	5/24/2016 3:27 PM
56	Who will be paying and what are we truly willing to sacrifice (visitor traffic)	5/24/2016 3:25 PM
57	I like that we are talking about this and have momentum.	5/24/2016 1:45 PM
58	My concern is that extremist activists, truly believing they are saving the world, will drive action that should not be taken. The Plan needs to represent ALL of the citizens.	5/24/2016 9:24 AM
59	I would like you to consider calling a halt to this wealth-transfer charade.	5/23/2016 10:29 PM
60	That we can be model for other cities. What actions have other cities taken. Present them. What can work in Ashland the best.	5/23/2016 9:52 PM
61	Nope	5/23/2016 9:47 PM
62	world class demonstration of solar powered city. world class demonstration of city support organic food production	5/23/2016 9:00 PM
63	Support plastic recycle	5/23/2016 8:24 PM
64	spend no money on it, waste no time on it, move on to something more important	5/23/2016 7:32 PM

### Q9 Would you like to be involved in the planning process? (Choose all that apply.)

Answered: 83 Skipped: 13



Answer Choices	Responses
Yes, please sign me up for email updates (please enter email address below)	54.22% 45
Yes, I would like to attend an open house	48.19% 40
Yes, I would like to attend meetings of the Mayor-appointed committee	32.53% 27
No, I am not interested in further involvement.	27.71% 23
<b>Total Respondents: 83</b>	

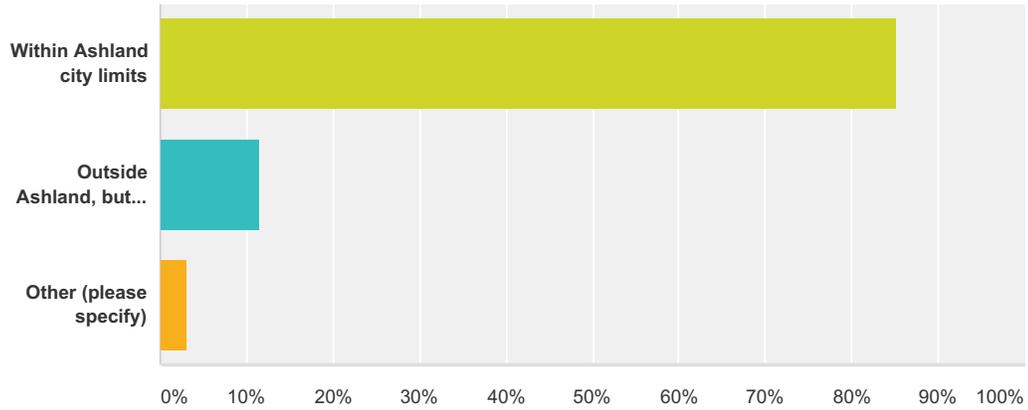
#	If you are interested in email updates, please enter your email address:	Date
1	darrell@daboldtconstruction.com	6/10/2016 1:07 PM
2	MLMATLPC@hotmail.com	6/9/2016 8:58 PM
3	Friends@anastash.com	6/9/2016 8:37 PM
4	egrush@gmail.com	6/8/2016 11:19 AM
5	openheartdancer@gmail.com	6/7/2016 6:13 PM
6	thatsuecarney@gmail.com	6/2/2016 8:25 PM
7	chrishje@mind.net	6/2/2016 2:57 PM
8	Manju.lyn.bazzell@gmail.com	6/2/2016 9:44 AM
9	karensue@jeffnet.org	6/2/2016 8:54 AM
10	pythpress@sprynet.com	6/2/2016 8:42 AM
11	gardengriotashland@gmail.com	6/2/2016 8:01 AM
12	mkmichelsen@jeffnet.org	6/1/2016 11:13 PM

## Ashland Climate and Energy Action Plan: Public Input Survey

13	downeyshan@gmail.com	6/1/2016 7:07 PM
14	onlineperson99@gmail.com	6/1/2016 6:08 PM
15	adam@ashland.or.us	6/1/2016 3:17 PM
16	parkershames@gmail.com	6/1/2016 2:22 PM
17	jack@jackwiens.com	6/1/2016 1:27 PM
18	safecircle@gmail.com	6/1/2016 12:51 PM
19	darrencam@gmail.com	6/1/2016 12:38 PM
20	lndcrouch@gmail.com	5/29/2016 7:08 AM
21	tahoe1780@msn.com	5/28/2016 10:39 AM
22	Philmiller@mind.net	5/27/2016 12:47 PM
23	rmmallettes@gmail.com	5/26/2016 11:22 AM
24	eliotcrowe@hotmail.com (on the list already I think)	5/25/2016 10:40 PM
25	juliamsommer@gmail.com	5/25/2016 3:07 PM
26	deb@shimmeringwind.com	5/25/2016 2:57 AM
27	care9752@yahoo.com	5/24/2016 7:51 PM
28	calliemcrob@gmail.com	5/24/2016 7:02 PM
29	Marinaberry79@gmail.com	5/24/2016 6:37 PM
30	Free2bjammin@yahoo.com	5/24/2016 6:30 PM
31	Rlindleybb@hotmail.com	5/24/2016 6:28 PM
32	Ptrail@ashlandnet.net	5/24/2016 6:02 PM
33	Nortonc1@sou.edu	5/24/2016 6:01 PM
34	Samhbecker@gmail.com	5/24/2016 6:01 PM
35	Samhbecker@gmail.com	5/24/2016 5:58 PM
36	Steph.abrams@icloud.com	5/24/2016 5:53 PM
37	Mcecil mind.net	5/24/2016 5:50 PM
38	bendavidscott@gmail.com	5/24/2016 5:48 PM
39	crawbush@gmail.com	5/24/2016 1:45 PM
40	knoonan@mauilight.com	5/24/2016 9:24 AM
41	mays2458@aol	5/24/2016 9:23 AM
42	kfotheringhampotts47@gmail.com	5/23/2016 9:52 PM
43	shrgrp@mind.net	5/23/2016 9:00 PM
44	Snug97520@gmail.com	5/23/2016 8:24 PM

### Q10 Where do you live?

Answered: 95 Skipped: 1

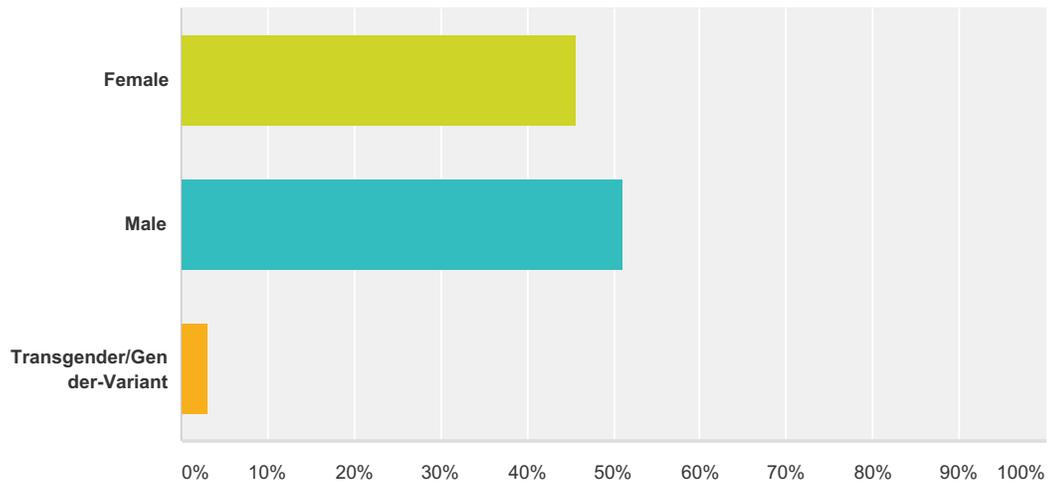


Answer Choices	Responses
Within Ashland city limits	85.26% 81
Outside Ashland, but within Jackson County	11.58% 11
Other (please specify)	3.16% 3
<b>Total</b>	<b>95</b>

#	Other (please specify)	Date
1	Moving from short-term rental to short-term rental since last summer wildfire. May have to leave after 35 years here.	5/27/2016 12:50 PM
2	Split time between Dallas TX and Ashland. Will be full time in 18 months.	5/24/2016 1:45 PM
3	I am 8 feet outside Ashland	5/23/2016 9:01 PM

### Q11 What is your gender?

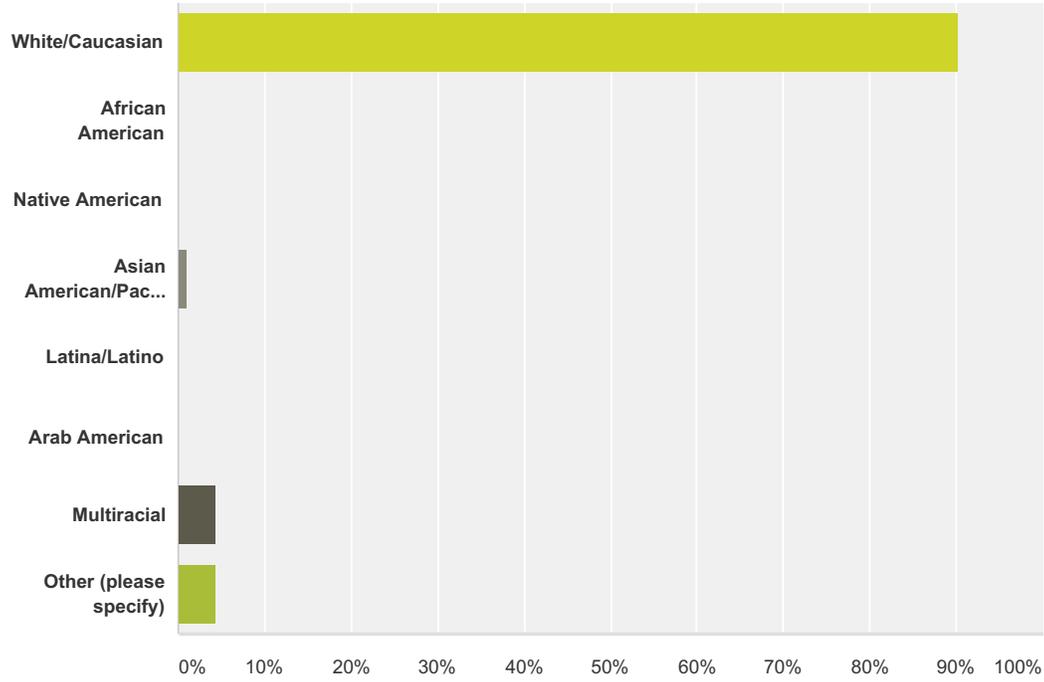
Answered: 94 Skipped: 2



Answer Choices	Responses	
Female	45.74%	43
Male	51.06%	48
Transgender/Gender-Variant	3.19%	3
<b>Total</b>		<b>94</b>

### Q12 Which of the following best represents your racial or ethnic heritage?

Answered: 92 Skipped: 4

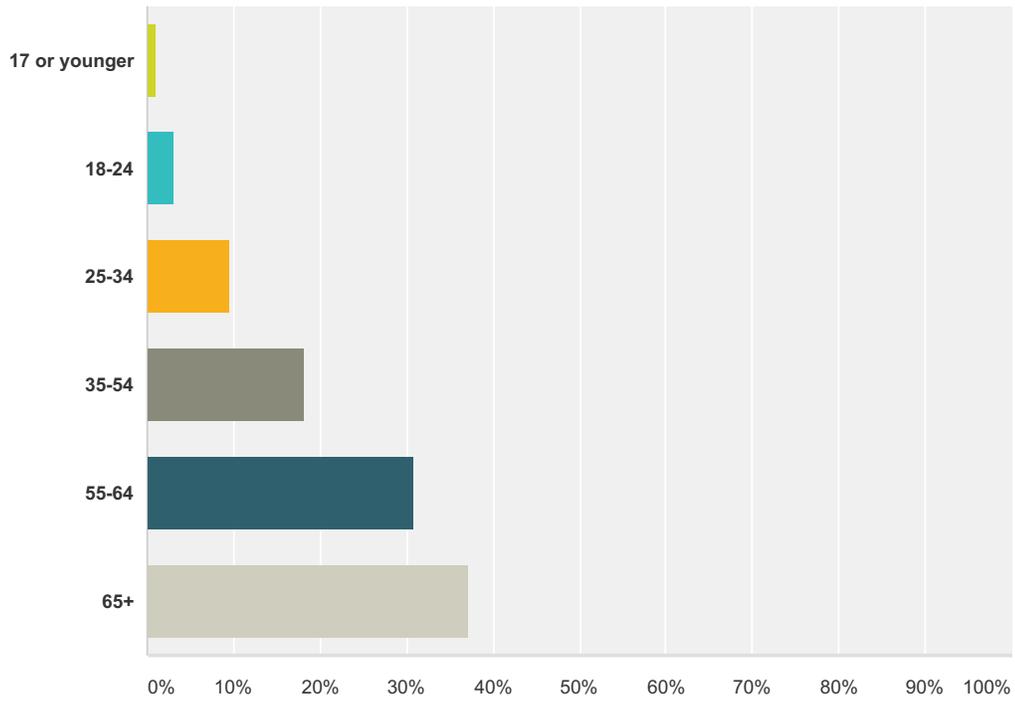


Answer Choices	Responses
White/Caucasian	90.22% 83
African American	0.00% 0
Native American	0.00% 0
Asian American/Pacific Islander	1.09% 1
Latina/Latino	0.00% 0
Arab American	0.00% 0
Multiracial	4.35% 4
Other (please specify)	4.35% 4
<b>Total</b>	<b>92</b>

#	Other (please specify)	Date
1	what does this have to do with anything?	6/2/2016 2:58 PM
2	does ethnicity matter when we are all in this together?	6/2/2016 8:43 AM
3	Human Being	5/31/2016 7:10 PM
4	X	5/24/2016 6:58 PM

### Q13 What is your age?

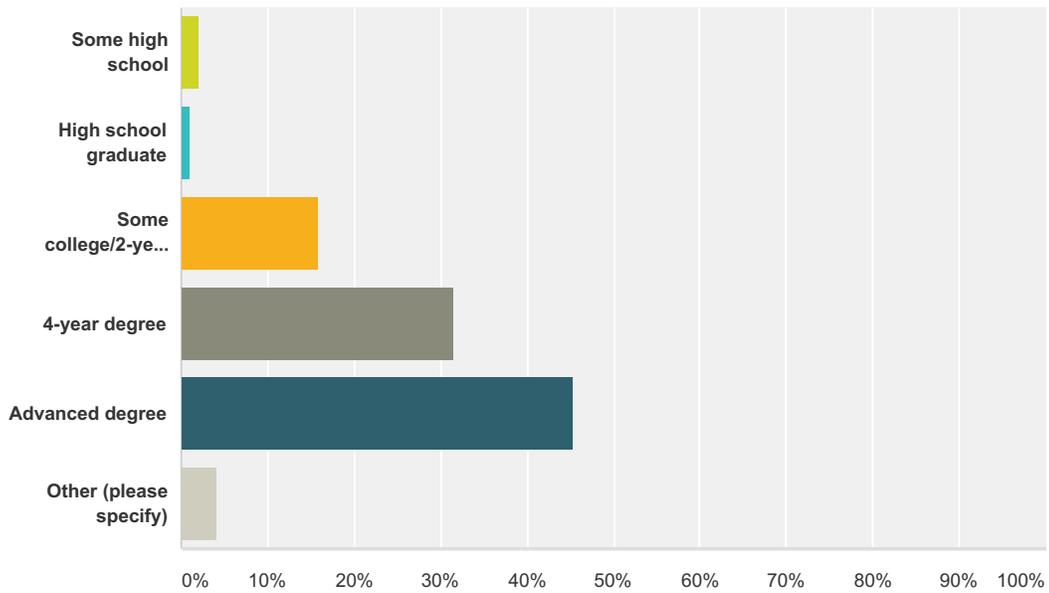
Answered: 94 Skipped: 2



Answer Choices	Responses	
17 or younger	1.06%	1
18-24	3.19%	3
25-34	9.57%	9
35-54	18.09%	17
55-64	30.85%	29
65+	37.23%	35
<b>Total</b>		<b>94</b>

### Q14 What is the highest level of education you have completed?

Answered: 95 Skipped: 1



Answer Choices	Responses
Some high school	2.11% 2
High school graduate	1.05% 1
Some college/2-year degree	15.79% 15
4-year degree	31.58% 30
Advanced degree	45.26% 43
Other (please specify)	4.21% 4
<b>Total</b>	<b>95</b>

#	Other (please specify)	Date
1	MFA in Art	6/2/2016 8:43 AM
2	Why are these personal questions needed?	6/1/2016 7:46 PM
3	2 yr degree, most of 4 yr engineering, 3 decades of self study	5/24/2016 9:26 AM
4	health practitioner	5/23/2016 9:52 PM

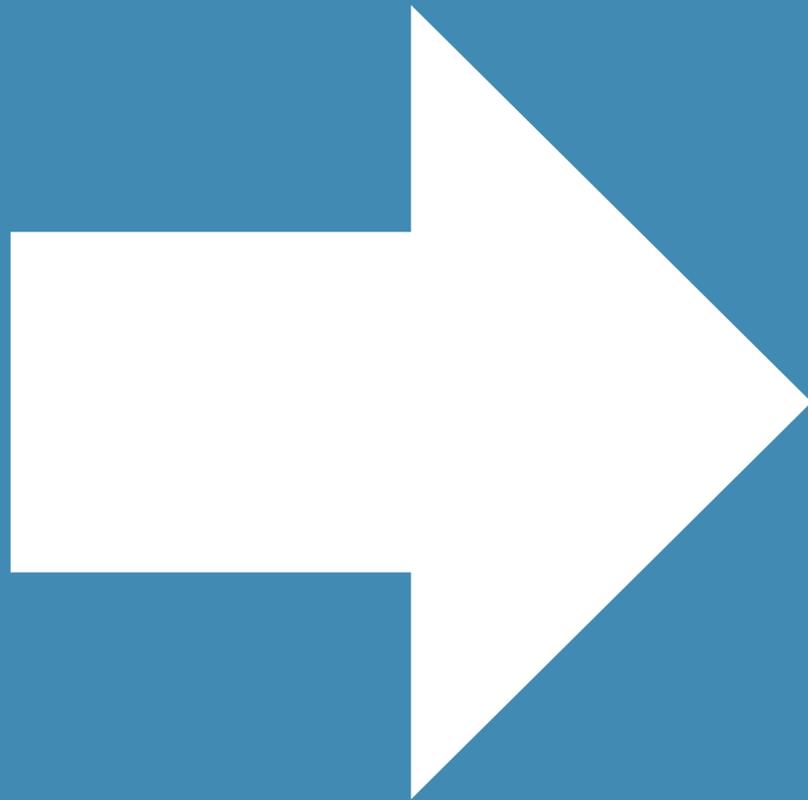


## **Appendix F. Public Open House Display Boards**

The display boards from the public open house held in May 2016 appear on the following pages.



# Climate and Energy Action Plan Open House





## How big is Ashland's carbon footprint?



As big as burning

**38.6 million**

gallons of gasoline,  
or the equivalent of over

**72,000 cars driven**

for one year!

On a per-capita basis, Ashland's 2013 footprint was only 65 percent that of Corvallis the same year, and 15 percent of Eugene's 2005 emissions.

## Why do we care?

**To avoid the most serious climate change impacts, the United Nations Intergovernmental Panel on Climate Change (IPCC) advises that the average global temperature increases must be limited to under 1.5 to 2° C.** As of 2015, we have already passed the halfway point—average temperatures have increased 1°C since the industrial revolution. Meeting the 2°C goal will require countries and cities around the world to collectively reduce emissions by more than 50% by 2050.

**To understand our role in curbing dangerous greenhouse gas pollution, the City completed its first-ever greenhouse gas inventory.** The inventory quantifies greenhouse gas emissions from both City operations and the Ashland community, including residents, businesses, and industries. The inventory included many different sources of greenhouse gas emissions in the city, including building energy use, transportation, solid waste disposal, and the consumption of goods and food by Ashland residents.



## What is your role?

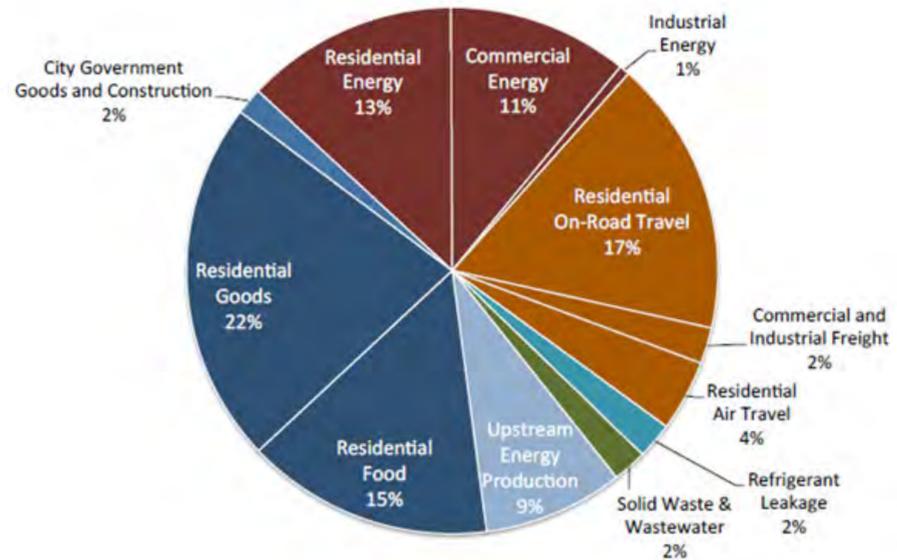
**The Ashland community has a role to play in mitigating the harmful impacts of climate change.** To meet global climate change mitigation goals set forth by the UN Intergovernmental Panel on Climate Change, each Ashland resident will have to reduce their personal carbon footprint by over 12 metric tons or 68% from 2015 levels by 2020. This is equivalent to taking 2.6 passenger vehicles off the road every year per person!





## Where do emissions come from?

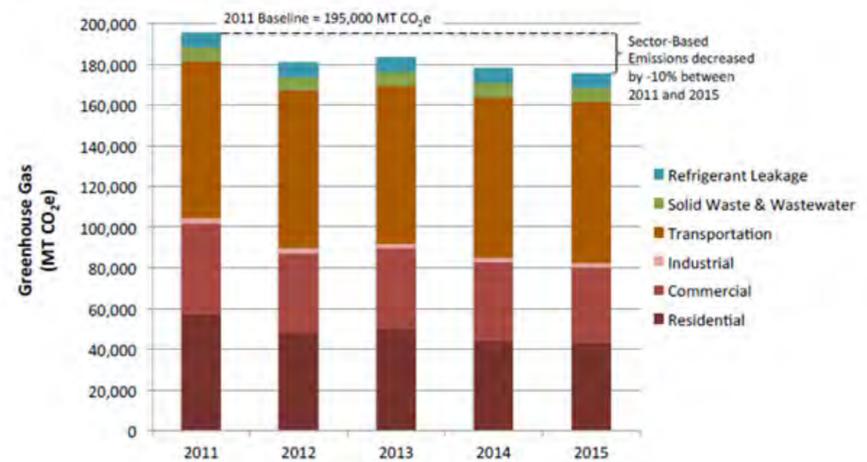
This chart shows how different sources and sectors contribute to Ashland's 2015 carbon footprint.



## How have Ashland's emissions changed over time?

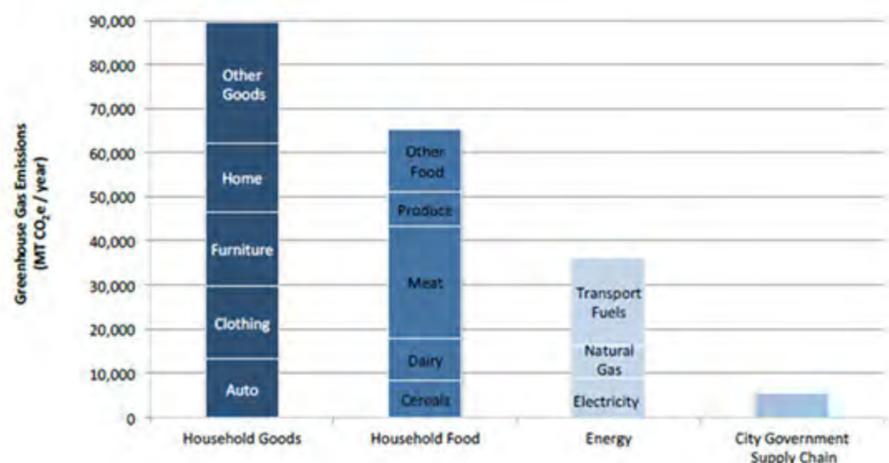
Total emissions in Ashland have decreased by 10% between 2011 and 2015.

This is largely driven by decreases in electricity and natural gas use, as well as increased hydro electricity generation.



## How do consumption emissions stack up?

Emissions from household goods are dominated by home construction, furniture, clothing, and vehicle purchases, while the production of meat accounts for a large share of food consumption emissions from Ashland residents.



Station

# 1 Ashland's Carbon Footprint



Did anything **surprise**  
you about Ashland's  
greenhouse gas inventory?

Please use the post-its to share your feedback.



**City of Ashland**  
**Climate and Energy Action Plan Open House**

Station

# 1 Ashland's Carbon Footprint



**Which results from  
the inventory align  
with your expectations?**

Please use post-it notes to share your feedback.



Station

# 1 Ashland's Carbon Footprint



How does this information **change your perception** of the city's role and priorities in mitigating climate change?

Please use post-its to describe how your understanding has changed.



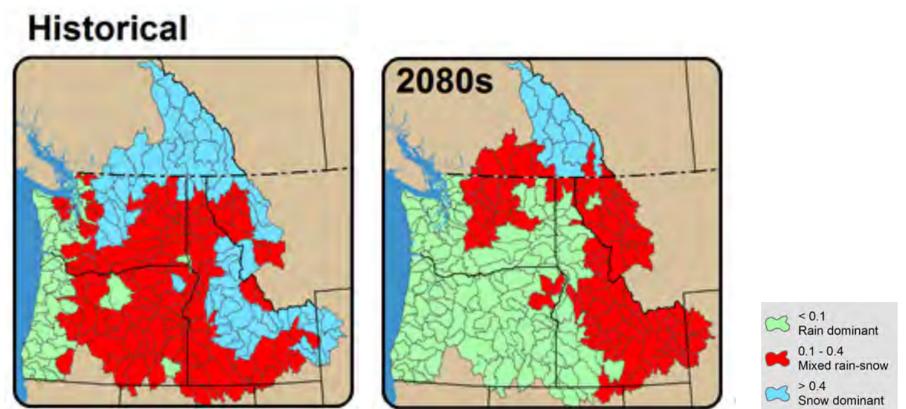


## What changes could we see in Ashland by the 2080s?

### Declining Snowpack and Changing Streamflow

The map on the right shows how watersheds will change as more precipitation falls as rain rather than snow.

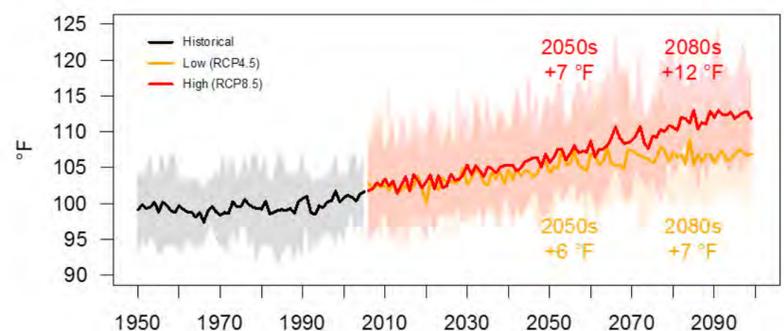
Source: Hamlet et al., 2013; Raymondi et al. 2013



### Extreme Heat Risk

The graph on the right shows projected increases in the temperature of the hottest day of the year in Ashland. Models show a +12 degree F increase in the hottest day of the year in Ashland by 2080.

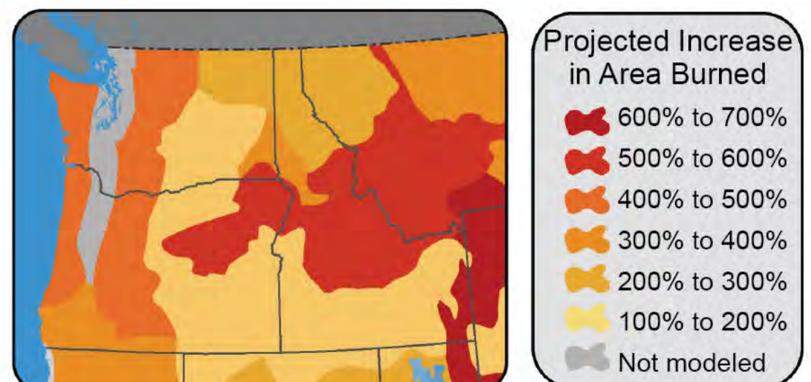
Source: Oregon Climate Change Research Institute



### Increased Wildfire Risk

The map on the right shows increase in area burned due to temperature and precipitation changes. Local impacts will vary depending on fuel sensitivity.

Source: Mote et al., 2014





## What changes could we see in Ashland by the 2080s?

The below projections summarize regional climate model projections under the low to high emissions scenarios in the 2080s for Ashland.



### Temperature Increase and Extreme Heat

**+7-12°F**

increase in the hottest day of the year

**+39-90**

more days a year of warm spells



### Wildfire Risk

IN WESTERN US:

**+30%**

increase in probability of large wildfires\*\*

IN WESTERN WA & OR:

**-40 year**

decrease in average time between fires\*\*\*

**Increased burn acreage**



### Heavy Rainfall and Drought Risk

**+0.8-1.3 in**

increase in rainfall during the heaviest rain days\*

**+4-6 day**

increase in the longest dry spells\*

**More winter precipitation**



### Changes to Snowpack and Water Availability

IN THE MIDDLE ROGUE SUBBASIN:

**-71 to**

**-86%**

decline in April 1 snowpack

**More precipitation** as rain instead of snow

**Earlier spring** snowmelt

**Higher winter** streamflow

**Lower summer** streamflow

\*Some models show decreases

\*\*Stavros, Abatzoglou, Larkin, McKenzie, & Steel, 2014

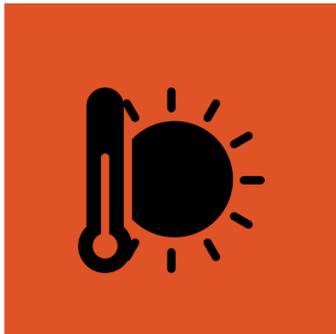
\*\*\* Sheehan, Bachelet, & Ferschweiler, 2015





# Which **climate impacts** to the Ashland community **concern you most?**

Drop tokens into the jar that best represents your concern.



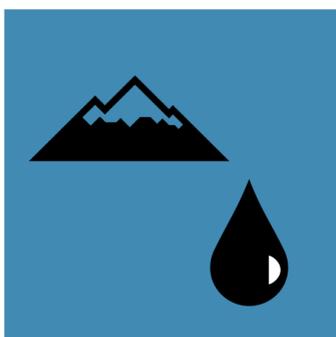
**Temperature Increase and Extreme Heat**



**Heavy Rainfall and Drought Risk**



**Wildfire Risk**



**Changes to Snowpack and Water Availability**



Station

2

## How Climate Change Affects Ashland



How do you think the City  
and community should  
**prepare** for climate impacts?

Please use post-its to list how Ashland should prepare for climate impacts.



# 3 How is Ashland doing?



## Where would you like Ashland to concentrate its efforts in reducing greenhouse gas emissions?

Using a scale of 1 (highest priority) to 5 (lowest priority), tell us where Ashland should focus its resources. Please fill in one circle for each row/category.

	Highest priority <b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	Lowest priority <b>5</b>
<b>BUILDINGS AND ENERGY</b> (Home and energy business use, renewable energy sources) 	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
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# 3 How is Ashland doing?



## Where would you like Ashland to concentrate its efforts in promoting climate resilience?

Using a scale of 1 (highest priority) to 5 (lowest priority), tell us where Ashland should focus its resources.

	Highest priority <b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	Lowest priority <b>5</b>
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<b>HEALTH AND SOCIAL SERVICES</b> (Air quality, heat stress) 	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>





What climate pollution reducing policy, program, or activity in Ashland are you **most proud** of?



**Write or draw your answer to share with our community!**

*I am most proud of*  
**our extensive bike trail system.**

*I am most proud of*  
**our commitment to renewable energy!**

An icon featuring a black sun with radiating lines above three black rectangular solar panels arranged in a row.

# 4 A Shared Vision for Ashland



Complete the sentence.

*In 2030, Ashland will be a place where*

---



**Write your answer and pose for a photo to share with our community!**

*In 2030, Ashland will be a place where we are prepared for reduced snowpack and other water issues.*

*In 2030, Ashland will be a place where **pedestrians, bicyclists, and transit** are prominent throughout the city.*





## What do you think Ashland should do to address climate change?

**Help us create a word cloud by  
sending us a word or phrase  
calling our city to action!**



Text **ASHLANDCLIMATE** to **22333**  
once to join, then text your message.



Respond at  
**[PollEv.com/ashlandclimate](https://pollev.com/ashlandclimate)**



**Or enter right here!**





# We want to hear from you!

The City of Ashland wants to know your priorities and concerns regarding sustainable City and community practices and policies related to climate change in Ashland.

Your input will help shape the vision, goals, and strategies of the Climate and Energy Action Plan.

- 1 **How do you think the City and community should address climate change?**
- 2 **What are your priorities and concerns?**
- 3 **Do you have questions?**

## How can you provide input?

- RIGHT NOW** Fill out a comment card here!
- EMAIL** [adam.hanks@ashland.or.us](mailto:adam.hanks@ashland.or.us)
- ONLINE** Learn more, take our survey, or provide a comment at:  
[www.Ashland.or.us/climateplan](http://www.Ashland.or.us/climateplan)
- IN PERSON** At our open house series  
September 25th, December 7th



# We heard you!

Last year, you may have told us what you think about climate action at the Climate Week event. We heard you, and are building on that strong foundation by incorporating input from that event to inform this process.

A summary of what we heard is below.

## 2030 Vision

What's your vision for Ashland in 2030?



## Barriers

What are barriers to achieving your vision?

### Cultural

Apathy  
Individualism  
Fear  
Lack of awareness

### Financial

Initial Investment  
Energy prices

### Political

Vested interests  
Bureaucracy  
Local system

### Technical

Technology  
Information  
Education

## Actions

What actions can you take to achieve your vision?

- Install solar panels
- Drive electric vehicles
- Make home more efficient
- Produce less waste
- Grow food
- Bike and walk
- Learn more!



# WELCOME!

## Planning for the future of Ashland amidst a changing climate

The City of Ashland is developing a Climate and Energy Action Plan to reduce greenhouse gas emissions and prepare our community for a changing climate. This open house is a key way for you to provide input, share priorities, and help shape the City's plan for reducing climate pollution and preparing for climate change impacts.

### What are we doing tonight?

- 5:30 PM**      **Open House Begins**
- 6:00 PM**      **Introductory Presentation**
- 6:30 PM**      **Visit Stations & Share Your Input**
- 7:30 PM**      **Open House Adjourns**

### What can you do at this event?

- **Learn more** about the city's recent greenhouse gas inventory and how climate change could impact Ashland.
- **Provide your ideas** for taking climate action in Ashland.
- **Tell us which climate impacts concern you most**, and what Ashland should do to prepare.
- **Tell us what Ashland is already doing well**, and what the City and community could do better.
- **Share your vision of a future Ashland** that addresses climate change pollution and impacts.

