



**Responses to Public Survey on
Clackamas County
Climate Action Plan DRAFT Report**

Feb. 7-March 7, 2023

A component of the Clackamas County Climate Action Plan Project

Clackamas County Climate Action Plan Report Survey
Feb. 7-March 7, 2023

Responses to Question 1:
What do you like about the report or think is particularly effective?
82 respondents

This was an open-ended question. Responses are sorted in the following categories:

1. Charts/graphs/modeling
2. General
3. Goals/plan
4. Miscellaneous
5. Nothing
6. Specific sections or concepts

1. Charts/graphs/modeling

- Graphs of overall effects over time are clear.
- Low carbon and BAL comparison graphs
- The business-as-usual and low-carbon scenario modeling is helpful in illustrating the scale of the challenge, available solutions, and the resources and action needed to meet our goals.
- Colorful charts
- The Business as Planned benchmark is essential to track progress. Great concept.
- Outline of goals & objectives; the data provided on emissions by sector.

2. General

- Sounds like a good plan that was thought out and seems plausible.
- Very balanced and thorough
- It's apparent that lots of effort went into the report.
- Good start
- Good to appear to be forward thinking and taking action on this topic
- The fact that it was even done at all.
- Simple and clear.
- Report appears to cover all important bases.
- Pretty comprehensive
- It is clearly written and understandable.
- The report seems to do a good job highlighting the areas that impact on climate change at a high level and where effort can be spent to impact climate change. It helps community members and leaders understand how this applies at the county level.
- OK at explaining the problem and at explaining doing nothing.
- It seems to be a fairly well thought out process, understanding that it will take time to meet the carbon neutrality by 2050. Also acknowledging that it will take input/action from many sectors. I like that it plans to involve the community, including the youth, who are most impacted by the current climate change problem.
- It is very complete and takes into account all of the sectors that need to be addressed going forward. It makes very strong argument as to why we need to implement ALL of the changes going forward.

- This report is quite thorough and seems to tackle virtually every aspect of the climate crisis - causes, social and economic costs, impacts on different sectors of society, etc. Most importantly, it lays out detailed solutions, both long- and short-term, complete with colored graphics.
- The report does a good job identifying high level impacts of climate change on Clackamas County
- The goals are ambitious and clear; benefits and risks clearly outlined; excellent graphs of carbon emission models and cost and savings projections; plan made in collaboration with locals including youth; addressed social inequity; discussion of health benefits of active transit focused on actual health benefits rather than further stigmatizing obesity;

3. Goals/plan

- The overall goals are good.
- It clearly shows a plan for future energy uses and management
- I like that our county is working toward carbon neutrality.
- Lining out methodology to reach goals
- I like that it has goals for each sector.
- It has a logical flow to push a specific agenda
- The intent is good. It makes perfect sense to take care of the planet.
- That there is a goal
- I appreciate the time people have taken on this subject.

4. Miscellaneous

- Clean up the fuel in the forests
- The report effectively reveals the authors desires.
- It is all nice and good to have some committee talk about things that can be done to deal with this issue. When do the voters actually get to vote on what needs to be done.
- Natural gas is not bad

5. Nothing

- Nothing (6)
- Nothing. I find nothing particularly effective to single out; Natural Gas as a cause to be alarming.
- Nothing. It's amazing this survey and input was limited to a few to get the response they wanted.
- Nothing. It is ridiculous to ban natural gas.
- Nothing. Epic waste of time, the climate change topic is a sham. It's an invisible ghost that the WEF has created to implement the control mechanisms.
- Nothing. Climate change is a boondoggle. Oregon because of its natural resources doesn't contribute the greenhouse gas issues. In fact we reverse it because of all of our trees.
- Nothing. I can't believe all these people bought into the idea of these radicals, trying to get rid of fossil fuels.
- Not much!
- Not much, it's not very specific and targeting carbon neutrality by 2050 is like me targeting healthy eating by the time I'm 80. It'll be far too late, look at the current weather patterns? If you think our behaviors aren't impacting the climate then you shouldn't be in a community leadership position.
- Not much. Climate change is real. The climate has been changing for billions of years but in my opinion there's not a whole lot we can do about it, especially when China and India aren't participating in the reduction of carbon emissions.
- The report is politically driven and will have little to no impact on the climate. Setting targets for GHG emissions is fine, but must not displace economic development or force individual out of their personal transportation options.
- Disagree with content:

- CO₂ has not caused temperatures or sea levels to rise beyond historical rates.
- Severe storms, heat waves, droughts have not increased in frequency or intensity since 1970.
- Any increases in CO₂ concentrations across huge time spans haven't preceded rising global temperatures; they've followed them by about 600-800 years—the opposite of alarmist claims.
- Alarmist climate scientists have manipulated their raw temperature data.
- Every year the IPCC lowers their guess as to how much global warming will occur in the future because they drastically overstated the climate change problem.
- Yes, climate change is real and I believe humans can have an impact. But tearing down infrastructure only to build a new one based on alarmist predictions won't help a thing. Consider the energy used to build and place one windmill.
- Are we going to turn home thermostats down one degree each winter? In the name of what?
- Climate change activism is a penalty of death for humans. We create CO₂ by simply breathing. It is a tactic for wiping out the population.
- Seriously, none of it. I tried to be positive for this question but can't.
- I don't like anything about the document.
- The report shows the absolute schizophrenic thinking of our local regional & nations elected officials. It blindly follows what has been put forward as "science" while abandoning all logic and reason.
- The report is ridiculous. It is based on the dubious, unproven claim that we humans cause climate change, and therefore we humans can do something about it. The earth's climate has been changing for billions of years, with or without humans.
- This report is an excellent example of the poor reasoning and platitudinous thinking of our county's political leadership.
- It appears to be a waste of time and money to justify actions that have no proven ability to reach your stated goals.
- It is a complete sham... hatchet job
- Seems those who were elected to represent us only chose to represent their own agenda. Nothing new here, but this needs to stop. Get a grip by voting correctly.
- This is all a bunch of BS to take \$\$ away from the citizens.
- After spending trillions of taxpayer money, forcing us into EV's and taking even more freedoms from us, does anyone think that will change the climate from doing what it has done for millions of years? I don't think so!

6. Specific sections or concepts

- The focus on the need for action
- The need to care responsibly for our environment
- Concrete steps to *achieve* the plan (hiring, etc.)
- Partnership WITH Portland General Electric and NW Natural Gas.
- I appreciate all of the work that went in to drafting this Climate Action Plan report, including seeking input from diverse stakeholders.
- Transit is clearly addressed.
- I like the "What you can do?" section for personal recommendation to become more eco-friendly.
- Explaining the cause and effects of climate change.
- Active transportation, movement to clean energy, construction changes, and vehicle emissions. The report is broad but clearly outlines many items that could make a large impact.
- Acknowledges that Adaptation is important
- Recognition of the importance of improving the efficiency of our energy use via improved technology and materials.
- Energy efficient construction in housing
- I like it that they will be seeking public comment.

- Establish an ongoing advisory committee with members from the public to provide ongoing feedback and support of implementation initiatives.
- The timeline for reducing greenhouse gases & emissions
- I like the ideas of recycling our food waste.
- Data/records of past weather and events.
- The county wanting to reduce operating wastefulness.
- That someone is actually thinking about options and ideas. Also not trying to implement an unrealistic timeframe say of 10-15 years. 2050 feels much more realistic but may still be optimistic.
- Seems to address all the major contributors to greenhouse gas emissions in Clackamas County.

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Responses to Question 2: What Gives You Pause?
Respondents: 81

This was an open-ended question. Responses are sorted in the following categories:

1. Challenge
2. Natural gas/fossil fuels
3. No concerns
4. Premise/assumptions
5. Specific gaps
6. Timeline
7. Miscellaneous

1. Challenge

- How overwhelming the problem is
- The fear that nothing will be done due to opposition by special interest groups and climate change deniers.
- It's difficult for me to be hopeful about implementation of this climate plan with two particular obstacles in mind: 1) the 2050 deadline, which unfortunately isn't soon enough to mitigate much of the short-term climate disaster fallout; and 2) ODOT seems prepared to blaze full steam ahead with investing in freeway expansion, despite considerable opposition from community stakeholders and despite widely-available evidence disproving their claims that their projects will "ease congestion".
- As with any plan to reach carbon neutral in the future, it's purely an aspiration at this time. I don't think the report goes far enough to describe WHY this is important and why a strategy needs to be developed (and implemented) at the local county level.
- Adopting a very generalized report, with vague outcomes, with a deadline that is 27 years away. It seems like adopting a report for the sake of saying we did something instead of nothing. With other reports like this how does Clackamas County have any idea what the market will support to achieve the goals? Is Clackamas County going to go into the power generation business? Is Clackamas County going to open up a EV manufacturing business? Is Clack. Co. going to build its own mass transit? How can Clack. Co adopt a report without a plan and just hope the market or some other government body will make it happen? It seems like this plan will drive people out of Clackamas County.
- It's a plan that will hugely impact how we live and is very restrictive and unrealistic.

2. Natural gas/fossil fuels

- The plan takes us to a more carbon neutral position but at too great a cost. Using natural gas is an affordable and efficient way to heat our homes and cook our food. Doing away with natural gas will only make the cost of living increase. With the adoption of electric vehicles there won't be enough electricity to heat, cook, drive, etc. We need alternatives.
- Any attempts to ban new or existing renewable natural gas hookups. It is absolutely impossible for our community to switch over to 100% electric. The grid can't sustain it nor do we produce enough electricity. If you push this agenda we'll experience common reoccurring blackouts. People without the ability to light, heat, cool, and cook in their own homes become very angry and uncivilized. During the 2020 ice storm my family spent 9 days without electricity. It was terrible, especially for my young children. We had nowhere to go, no support. The only thing which made our discomfort a

little more bearable was natural gas, we could take hot showers and cook. There is no question in most people's mind if you push for 100% electric energy we will all suffer because of your decision.

- Not using energy, We would have to be a caveman.
- Potential ban on natural gas and other fossil fuels. During the ice storm a couple of years ago, we lost electricity for about a week. Our natural gas fireplaces provided heat and because we are on a well, our gas cook top allowed us to melt ice in order to flush our toilets as well as to continue to cook meals. We hooked up our freezer to a gas generator saving hundreds of dollars of food. We were also able to drive our gas car to the store to buy bottled water. Our electricity goes out multiple times a year sometimes for many hours. We shouldn't put all of our eggs in one basket (electricity). Multiple energy sources should continue to be promoted.
- You are not taking into consideration the fact that we have to have the infrastructure in place before moving into 'carbon neutrality'. Electricity is not cost effective and in fact is very expensive and unaffordable. There aren't enough charging stations to car electric cars. The power goes out in storms and there is no electricity for sometimes weeks. How do we heat, cook food, basically exist. Do not ban natural gas and gas cars until there is a base in place that is affordable and efficient. Just stop for a change and think about ALL the consequences before you get on your pure white horse.
- I do not believe our current power grid could handle every person converting to electric and foresee us overpowering the grid and having rolling blackouts like California and that does not sound pleasant.
- Page 33 sites a now debunked report on the safety of cooking with natural gas.
- The severe reduction or elimination of natural gas for home heating in favor of electricity will actually cause more pollution unless we stop selling electricity to California. Likewise, electric cars don't work well in cool climates like Oregon. This plan will leave us cold and stranded in the winters.
- Banning natural gas
- If there was any one most affordable, easy to use, less harmful of any choice of energy, Natural gas would be it. Why? It is simply natural supplied by mother earth. Who would even think to pass laws to ban new customers from using it?
- Ban natural gas in new buildings.
- NW Natural is lobbying very hard to maintain natural gas usage. This is incompatible with 2050 goals. Initiatives such as eliminating new gas hook-ups must proceed aggressively.
- Not sure where their "Data" will come from. Not sure what type of electric stoves will be allowed. I have no personal knowledge but I understand there is an induction type stove. Regular Electric stoves are far inferior to Gas. I love my gas stove, my gas furnace and my gas hot water heater.
- PGE and NW Natural have their shareholder's interests above the public interest. Therefore, any and all contributions made by PGE and NWN to planning and implementation of the Climate Action plan must be met with strong scrutiny and strong actions to prevent these utilities from prioritizing shareholder enrichment over health and safety of citizens and ecosystems we depend on for survival.
- No natural gas in new construction - extremely short sided. The positive impact doesn't come close to the negative effects of limiting this positive heat and cooking source
- I don't feel that the elimination of natural gas to new structures is the correct course of action. I believe that taking this option away will over stress the power grid and cause the price of electricity to increase and maybe even cause power outages. I still remember the power outage we had with the ice storm of 2021. We were without power for a week in February. We were able to use our natural gas fireplace to keep warm, our gas stove to cook food. I don't know what we would have done without this option in our home. It would have been terribly expensive to pack up and go somewhere else and stay until our power came back on.
- The unintended consequences of solving a problem that isn't there, like banning gas stoves and gas propelled cars and trucks. Forcing the dramatic use of electricity without increasing the production of it. Our power grid is already failing without these measures.

3. No concerns

- Nothing. I think it could go farther but I think it is a great plan.
- Nothing. (3)

4. Premise/assumptions

- The presumption that we have the capability to have a significant impact on climate change by forcing costly and highly speculative changes to our energy infrastructure.
- The section on global equity makes the correct diagnoses that poorer countries will be disproportionately effected by climate change without recognizing the inconvenient truth that the US could completely eliminate ALL carbon dioxide emissions and not make a dent in GLOBAL emissions.
- The report is full of opinions masquerading as fact. The financial, employment and climate impacts are just guesses. Where can we go to study the reports and data behind these opinions. I don't see any references. It is laughable to think anything Clackamas County is going to do will reduce droughts, fires, heat waves, etc. but it sure is going to impact county residents' quality of life.
- Little if any counter-statements arguing the opposite view points. Do not shut out opposing views!
 - The unreliability of the electrical grid is a big negative and has been one major cause of wildfires.
 - 80% of wildfires are human caused, climate change does not cause them.
 - Archeologic studies have confirmed that major droughts in the western U.S. have occurred on the average of every 800 years. The current drought is right on schedule.
 - So many climate predictions in the past 50 years have never come true.
 - Eliminating one of the most reliable and abundant energy sources (natural gas) is not the right move. Natural gas provides reliable heating when the electrical power grid fails during major weather events. We need to maintain a balance of energy sources.
 - Overall, I do not believe we can have a major controlling force on the world's climate.
- This report is full of vague, overbroad statements of "fact" and lacks specific solutions to any of the problems it purports to address. In the end it proposes to set up a committee, no doubt so the taxpayer can pay for further paper pushing.
- Climate change policy will destroy the world. It will murder billions of people. We should steward the environment. We should not enact bad policy in the name of communist activism masked as "climate change"
- Like I said in #1, stop wasting time/money and disengage from the conversation.
- The lies
- The entire thing. It is loaded with regulations based on lies. Do the research yourself and do not rely on the state so called "experts"
- The idea that we need to be "carbon neutral"
- That the government has bought into this BS
- Attempting to reduce carbon emissions is fraudulent and driven by a hidden agenda.
- The underlying assumption that climate-change is so exacerbated by mankind's productive energies that we have to "do something about it".
- The whole thing.
- The entire "I'm the "omnipotent" approach to greenness.
- Spending money to save money. The climate narrative in my view is a racket and a way to spend more money. The speculative graphs don't make sense based on past data. Temps up only 4% over the course of 122 years. That's so insignificant. Such a weak argument to spend more money! btw the WHO is full of people who want to de-populate the earth. Why would anyone trust them?
- While I'm all for protecting the environment that we have been given stewardship over, "What good is living if you cannot live?" I guess I should say that I have a fundamental difference of opinion in what has led us to the place we are in the world. An example would be that government overreach and bloated regulation has led to many of the crisis we experience. Regulation & land use laws have made it unprofitable to build affordable housing so the marketplace no longer will build, what could be a helpful solution to the homeless crisis. In the NW, the rampant environmentalism has led to the

unraveling of our most precious renewable resource, hydro-electric power. Now as we strive for a replacement for gasoline powered transportation, we have no valid energy base to make the switch to "Electrification". That's not to mention the risks and environmental hazards with battery based power. I also believe that the clamp down on our forestry industry and its forest management has led to the rampant wildfires, which undoes efforts to battle so called Global Warming. The governments answer is to just take more money from hard working Americans and then convince them that our local, regional & national governments are the only ones whom can spend our way forward. There is a reason that every person in the rest of the world desperately wants to come to the US. It is not because they would like to come to a place where the crippling heavy hand of politicians makes it impossible to live & care for your family. It is to escape the corrupt, amoral, oppressive overreach of every other government system.

- The plan assumes the science is conclusive. The science is not conclusive and even if we can eventually conclude that human produced carbon is impacting the trajectory of natural climate change, the science indicates that human efforts to mitigate the trajectory of climate change is virtually immeasurable. One constant our planet has had since its beginning is a changing climate. The disruption and the many costs (not just financial) to society to attempt to transition to a carbonless human existence, the alternative fuel sources (many of which have great negative environmental impacts), our electric grids (not having sufficient capacity to meet expanding need) etc. lead rational people to conclude that such initiatives are unrealistic in the time frames suggested and in the expected results expected to be achieved. The planet's climate will change - even if we humans don't exist. Investments in adaptation are much more realistic.
- Our county leadership would be spending time or resources on this topic. Even if Clackamas could reduce our GHG emissions to zero it won't impact the environment at all.

5. Specific gaps

- The disclaimer says no guarantee about the accuracy/completeness of the info. Good grief--why present something with such a disclaimer. Kinda...here's what we think but we don't know about the data for sure.
- Biggest issue for me is that it is Clackamas County only. Where is a larger leadership aspect so that maybe it's a "metro area" plan or plan for Clackamas, Multnomah, Washington, Marion Co maybe. If it's one county only it seems a waste of time and money. Kinda like why don't we spend a lot of money to develop a plan for the city of Sandy only to solve the big problem.
- It is really hard to understand as all the graphs (as is clearly stated) do not include the impacts of legislated emissions reduction requirements such as the Clean Energy Act and the Climate Protection Plan. Noting the above, as a resident, it is not clear how much this will cost me over and above what will be required from legislative reductions and what kind of incremental emissions reductions benefits I can expect for that expenditure
- There was no implementation plan despite footnote 9 on page 17
- The report does not lay out an action plan or specific goals to meet the high level community-wide outcomes. It would be more effective if the implementation plan were integrated with or adopted the same time as the report, which effectively lays out the problem and potential solutions but does not demonstrate a commitment to taking action. For example, the report outlines "critical sectors for decreasing emissions in Clackamas County" and potential strategies for each sector, but then notes that the actions in the LCS "were not specific recommendations" but for illustrative purposes only. The emissions- and economic modeling in the report will be more meaningful if it is done using a set of strategies and actions that the County is prepared to take. It is good that the report includes a discussion on co-benefits of climate action, but the equity section does not address racial equity, despite data showing that communities of color in Oregon are disproportionately impacted by environmental hazards like poor air quality and challenges in access to clean water.
- Few specifics.

- I would like to see more about a private/public partnership along the lines of what happens today - more specifically, as a county, we benefit when those that can such as farmers, timber folks, help firefighters on the front lines to protect against wildfires - how do we as a community encourage this. How do we as a community encourage home owners in the rural areas to build ponds that provide fire suppression resources? Or if we are how do we improve this? And so on? How do we encourage people to use renewable electricity and renewable gas programs? (note: uncertain if the website has access to BOTH)
- I'd like to see youth involvement from my town, Wilsonville, as well as all towns in Clackamas county.
- Didn't see an effort to address efforts of "carbon capture" as an option to help.
- I am interested in carbon sequestration work and there is little information in the report in that regard. I am on the advisory committee for the Oregon Global Warming Commission's Natural and Working Lands program and on the board of the Clackamas Soil & Water Conservation District and am the executive director of the state association of conservation districts and a supporter of SB 750 which sets up a statewide program for carbon sequestration on natural and working lands. If I can be of help to help build out info on sequestration, glad to do so.
- No mention of the impact of gas powered landscaping equipment on the health of the landscaper who are majority people of color.
- Transportation
 - More infrastructure (physical or otherwise) for walking/biking. More trails and paths separated from vehicle traffic, support things like bike buses for school pick up/drop off, electric bike rebates, charging stations (can package with EV charging), etc.
 - How large the transportation footprint is and that residential is the 2nd largest emissions sector.
 - When we look to electrify our fleet, we should ensure we don't just buy huge trucks which decrease safety for active transportation - look to use small efficient vehicles when necessary
 - No mention of the negative effect on the county of tolling by substantially increasing the number of cars idling both on the highways and other roads.
- Funding/costs
 - Looking at the "Short-term Implementation" section, it appears that they haven't even started. Good luck on getting funding from the Inflation Reduction Act (IRA) and Infrastructure Investment and Jobs Act (IIJA). These funding opportunities are competitive and will be won by cities and counties that are prepared.
 - The financial analysis was not provided and so it is hard to assess evaluation and implications
 - There has been no ROI analysis to showcase that becoming carbon neutral is a worthy endeavor. If we reduce carbon emissions, will that lower storm severity or frequency, and, if so, by how much? It seems these climate reports are alarmist without having any specific data or facts that actually state what the ROI would be on making an expensive and costly transition to being carbon neutral. Everything has a price, and climate initiatives are no different, but that cost/benefit analysis has not been conducted. So, without knowing the trade-offs, how can any entity decide to pursue such a drastic overhaul? I would suggest the county take a hard look at the data and fact patterns here and refrain from making significant and costly investments to an unknown and un-calculated goal. This would be the most prudent route to take.
 - The report does not provide objective analysis nor does it provide an economic impact analysis wherein the cost of implementation is revealed and argued for.
 - Funding
 - No clear funding pathway for those critical first/next steps.
 - Not enough numbers about what each individual action costs. The report is very inadequate on how each action is going to be paid for. Not nearly enough info on costs and a sense of who pays those costs. Not even numbers of who pays for the needed staffing. Basically, there appears to be no financial plan, estimated cost impacts, and funding sources in the report. A separate section with just that info would be appreciated.

- Table B, page 39 seems sparse. The Analysis by the Georgetown Climate Center list dozens of resilience-based programs, grants, tax credits and loan opportunities. See <https://www.georgetownclimate.org/adaptation/toolkits/resilient-infrastructure-investments/what-funding-opportunities-does-iija-offer-for-building-resilience-across-sectors.html>
- Instead of getting ready to plan (See the "Short-term Implementation" section), the county can start right now by working on the obvious "low-hanging fruit", one of which is to make the state's electrical grid climate resilient. The ice storm power outage disaster of February 2021 should not have happened. PGE seems to have an operating policy of "run to failure", i.e., fix stuff after it breaks. In that ice storm, those of us living in Charbonneau learned that we are, as the FHWA puts it, an Adaptation Island. Our power lines are buried; the power feeder lines, not so much.
- Trees/plants
 - Given the loss of trees from the ice storm in 2021, loss of trees and plants due to development, and the proven benefit of trees/plants helping to fight climate change, I do not see any mention of planting new trees, plants, etc., especially native trees/plants. I hope this will be included in the final plan since it does play an important role in fighting climate change. This is also important since there will be more development to address the current and growing housing crisis so loss of more mature trees, etc. should be included.
 - Only one mention of the Urban Canopy.
 - I did like the mention of the heat islands due to the lack of trees in the inner city.
 - No mention of tree canopy! The fact that Clackamas County no longer places a limit on the number of trees that can be cut on private property is atrocious! And that the county does not require property owners to maintain their trees like they are required to do with unoccupied lots — weed control — by allowing English ivy to wholesale destroy everything from small woodlands, lots, and acreage is a travesty. This is a failure of thought. With higher temperatures and greater weather swings, we are all exposed to greater climate threats when the tree canopy is missing. We need tree canopies in every neighborhood and unincorporated area to protect people and urban wildlife. This needs to be addressed in any climate action plan!
 - Develop more green spaces to reduce urban heat island effects.
- Resilience
 - I love the comments on climate resiliency - this is key in our area. I'd like to see more descriptions on exact changes - will we bury power lines? stop building (or rebuilding) in flood zones turning them into natural habitats?
 - The lack of detail on improving county resilience. Clackamas County's contribution to achieving Net Zero by 2050 is laudable, but the impacts of a changing climate is the real and existential threat to its citizens.
 - Lack of connection between greenhouse emissions decrease and resilience. Would like to see emphasis on rooftop solar as a focus to attack both emissions and resilience in case of power outages and earthquakes.
- "The CPP goal is to dramatically reduce greenhouse gas Oregon emissions over the next 30 years. It sets a cap on greenhouse gas emissions from fossil fuels used throughout the state from diesel, gasoline, natural gas and propane, used in transportation, RESIDENTIAL, commercial and industrial sectors." "98% reduction in residential buildings" Regulating the homes of individual citizens is a very slippery slope. It is unclear to me if this is via the "product" (i.e. power and gas) that utility companies will be providing, other means, or both.
- Equity
 - How do we also support those people that will be negatively impacted by actions taken by the community - such as those that may lose their jobs or lose income as we transition to a lower carbon environment? Such as how do we support independent gas stations? For those well into their career - job training does not really work - what about these people?

- Discussion of equity advocates instant rebates for poor people to use clean energy programs, when it should focus on making these programs automatic and the burden of companies rather than individuals to make a switch; too abstract; I understand this a "strategic level" rather than "feasibility" plan, but it feels very much like a moonshot without a rocket
- No voter involvement.

6. Timeline

- The timeline of 2050 seems too "ambitious" and perhaps unattainable; Concerned that the cost would be prohibitive and plan steps may affect quality of life.
- Not enough mandatory action immediately. Climate crisis is real, now, and existential. We need government to enforce the extreme measures which must be done.
- 2050!!!! That is way too far out there. We need much more swift action.
- The lack of urgency.
- There must be a clear emphasis on prioritizing urgency of action. We are in a climate emergency. Emissions must be reduced to zero ASAP. The deadline of 2050 is WAY too late.

7. Miscellaneous

- The discussion of Outcome 3 is filled with generalities about climate hazards and possible effects. This has been known for years. Begg the question, What has the county been doing all these years?
- The wording. Advocating for environmental responsibility is fantastic, but holy heck, after reading through parts of this I think someone was checking boxes not using critical thinking skills.
- How we really don't look at the total effects of what we do to offset the effects of climate change. Some things imposed cause a larger carbon footprint. Let's look at the totality of what we're doing.
- It's too long.
- I believe you wasted tons of taxpayer money on junk science and staff time. The staff did a poor job reflecting the meaning of true changing science. I absolutely 100% believe that if the Commissioners adopt this plan, they are stupid and need to be voted out of office. You really probably believe your budget is "monopoly" money and you obviously are disconnected from reality because there are many tax paying voters that rely on fossil fuels to live and work. Please disclose how many staff, staff hours were dedicated to this report. I want to know how much you spent on this report.
- Land acknowledgements; this nonsense immediately gives the impression that the report is ideologically driven.
- That progressive left thinking cannot possibly be wrong.
- The majority of the document is basically a list of "wants"
- Is this the utmost issue the state of Oregon and Clackamas county needs to deal with right now? With homeless, crisis, incontrollable drugs and crime?
- You psycho climate radicals playing god.
- Land use planning that promotes 15-minute neighborhoods so non-rural folks can get what they need within a 15 min walk or bike ride.
- That these people are in charge of Clackamas County government.
- Derailed by future elected officials
- You need to get drug users, homeless, and violent crime under control though before any effort will truly be effective.
- I feel we see the same ideas every 5 years or so. Green space in housing developments. Planting trees. Eliminating vents on the ceiling for heat. Gas fireplaces will have to go. Energy courses in high schools. Growing butterflies in lower primary classroom. School gardens for birds and bees. No on-street parking. School student parking needs to be addressed. Shuttle system with solar panels on roof. Dense housing needs to change.

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Question 3: What, if any, definitions or explanations need to be added to make the report easier to understand?

65 respondents

Responses:

45.21% -- nothing

43.84% -- addition(s) needed

Additions suggested listed in categories: Climate change information; Definitions/ explanations; Financial analysis; Impacts/benefits/costs; Implementation plan; Miscellaneous; Throw it away

Climate change information

- Add that weather is Cyclical; changes all the time. In the 60's and 70's, we were going into an ice age! Now we are going to cook ourselves or choke ourselves to death. And those who put down smoking cigarettes, can smoke pot with no health complications. We are no more able to control the atmosphere. We are unable to control anything. This report is a lot of hooie.
- Presumption is the theme. Present both sides of the science equally. We have much bigger issues to resolve: Education, transitioning from assuming that enablement is empowerment (it is not), infrastructure to reduce gridlock (public mass transportation not accepted by majority of the population and our efforts to force it upon our community failed), rational approaches to growth, wildlife habitat, preserving green spaces, etc. Government is focusing on a natural phenomenon (climate change) as a problem - regardless it is too big for even collective societies to slow or more naively, to stop - the science says so. Our government representatives tend to follow a scientist (some of whom, like Al Gore are not scientists) rather than the science and are not allowing for science - driven by politics and profit - to be questioned. Science, by its nature, is always questioned.
- Show how climate has changed in years past before SUVs and cars, etc. Explanation as to how carbon dioxide benefits plant growth.
- Clarify that anthropomorphic climate change is a theory held by some, and is not settled science.
- Has anyone had a truthful look at what would happen to our climate if CO₂ was reduced or neutral? Does anyone know if we achieve neutral and it ends up worse for our environment-what do we do then? The earth operates pretty well on its own. I am more concerned with what is being put into the soil. Trash, chemicals, run-off, etc.
- Scientific proof that humans are causing climate change.
- My sense is that many Clackamas County residents still do not believe that climate change is happening. Perhaps adding a section with proof that climate change is a real, human -caused and existential threat. Many credible U.S. links (NOAA, NASA, USGS, the National Academies, U.S. Army Corps of Engineers) are available with easy to understand explanations.
- The science background should be laid out in details. Showing the science should be use rather than the political winds.

Definitions/explanations

- An explanation of remaining emissions in the LCS. Why are we relying on carbon sequestration to meet 17% of emissions reductions by 2050? Is that realistic?
- Explain to me how the majority of Electricity is generated, not only here, but all over our Nation. Using other energy sources to create electricity is not a very efficient use of resources.
- What does "active" transportation mean?

- Not sure why/what building retrofits will do for climate change. Is this so we don't have to create new buildings? Use the buildings we have?
- Much of county is forestland -- how does sequestration and increased fire risk interact to bring about net carbon reductions.
- Expand your definition of sequestration. More examples would also help of how the different stages would be implemented
- More background and data on carbon sequestration potential in the county as it is applicable to both farm and forestlands.

Financial analysis

- Please provide the financial analysis.
- How cost estimates are generated. Estimates are needed to identify the impact of new rules, codes and regulations and the costs associated with these.
- The report is very shallow and needs depth to reveal the many types of costs and benefits associated with the proposals.
- What is the cost and benefit analysis for pursuing this investment and transformational change? What are the costs/dollars and what the benefits/dollars so that people can see the estimated trade-offs and decide whether it's worthy action or not.
- How are we going to fund this, This Country on the edge of Bankruptcy now.

Impacts/benefits/costs

- Help a nontechnical person understand how much any actions that Clackamas County takes (over and above actions that are required by state or federal legislation take) will cost the average resident and what emissions reductions benefit will that provide to the average resident.
- How specifically will residential home owners be affected?
- Add explanations for how these proposed changes will impact people's day to day lives. The human experience is completely missing.
- More discussion on real effects on county residents to climate hazards. The bulk of the report concentrates on GHG mitigation and future benefits. Describe the real and existential threats to residents of Clackamas County from the effects of a changing climate. Provide real examples.
- Often, the effort to achieve a goal develops actions which produce results that directly oppose the original goal. For example, turning everything from carbon burn to electric causes need for more electricity, causing more carbon burn to generate the additional electricity. Another example, electric car battery expires, requiring electric car to be towed using carbon-based tow truck. Your monitoring needs to report all results, not just the 'good' results.
- How is the average person's daily life impacted. What are the potential repercussions if we fail to act or approve?
- Who is going to pay for the measures? What will be collateral damage to the quality of life while the measures are implemented? How these measures will affect businesses and individuals aside from "we will reduce emissions and we will be saving the planet"?
- The explanation of what this actually means for the citizens that are paying the bills and are effected by the rubber stamp committee decisions
- What is the downside? Please address the negative economic and societal impact of converting to renewable energy and if that is even possible in this climate. Include a change management plan that addresses the higher costs and how people will mitigate problems once the electricity goes out or your car battery dies.

Implementation plan

- The Implementation Plan is missing from the report and from the County Website. Concerned citizens cannot effectively comment on plans that are not made available to them. The devil is

always in the details, and those details are missing here. Another public comment period should be provided after the public has access to review the specifics in the Implementation Plan.

- Please provide the implementation plan.

Miscellaneous

- Consider including HB 2021 in the Business-As-Planned scenario, rather than the LCS, for a more accurate picture now that the legislation has been passed and is being implemented.
- More detail on what's happening at different levels of government (city, neighborhood, state, federal) and how this plan aligns with (or conflict with) those plans. How does this plan influence those other plans (city, neighborhood, etc.)?
- More details on how this plan influences plans (or lack of plans) at the city and neighborhood level. How much teeth does plan have?
- How is Clackamas County's climate plan going to impact droughts, heat waves, wild fires, snow packs, etc.? Oregon's energy related CO₂ emissions are less than 1% of the total US and Clackamas County's contribution is certainly even less.
- Where is the list of community incentives?
- It would be very nice to have in big bold letters who to hold accountable when we inevitably miss the first of nearly all the targets.
- DO NOT BAN NATURAL GAS
- Urban Canopy
- Gas Powered landscaping equipment and the banning of the same.
- The impact of development and the obesity epidemic in the home building market. The huge square footage makes the homes unaffordable and removes too much of the Urban Canopy
- Developments need to stop cutting trees and stop planting grass in yards. Native Oregon plants are beautiful.

Throw it away

- Shred it
- Burn the whole thing and move on.
- This report should be thrown in the trash and re-written to be meaningful. It is a conglomeration of references to various statistics, laws, and other reports. It is a gem of bureaucratic nonsense.
- I'm not sure that the environmental impacts of so called "green" energy is understood by the authors. I could, almost, applaud that they want to make a difference, but am simultaneously appalled that they fail to see long-term and humanitarian consequences of their actions.
- The report wouldn't download properly but it's still not going to be mandatory legislature which quick enforcement.
- The county needs to throw it away the whole thing. And they need to challenge the state instead of believing whatever they say
- Ditch the inflationary university environmental ethics course language and really say what you mean. The entire reports reads like a mass produced document that a large firm can get paid numerous times from and only change the cover page and introduction about the land of the area. For example, page 27, Under the heading of "reducing vehicle emissions", I would think I would read about specific things Clackamas County is going to do to get its residents to reduce vehicle emissions. You can boil the entire paragraph down to buy an EV or your screwed for transportation in Clackamas County. And too bad for the vehicles >26k lbs. a BEV alternate does not exist, hydrogen is still decades away and renewable Diesel fuel does not exist as well.
- You will only add to fit your narrative
- Delete all of it and start over with reasons to use it.

Clackamas County Climate Action Plan Report Survey
Feb. 7-March 7, 2023

Responses to Question 4:
What would you like to see more emphasis on that's already in the report?
65 respondents

This was an open-ended question. Responses are sorted in the following categories:

1. Accountability
2. Costs/financial impact
3. Environment – general
4. Equity
5. Farming
6. Impact on residents
7. Natural gas/fossil fuels
8. Partnerships
9. Role of individuals
10. Specific action – information
11. Specific action – suggestions
12. Trees/sequestration
13. Waste management
14. Miscellaneous

1. Accountability

- What accountability/oversight will there be to ensure that the money is spent wisely and what is the exit strategy if we are not getting the return on investment forecasted.
- Be truthful in reporting results. Sometimes we are so focused on what we choose to see, we blind ourselves to stuff we don't want to admit. If we make changes to produce 'good', we blind ourselves to the bad we have caused.
- What steps to take when the targets are missed. Including accountability

2. Costs/financial Impact

- The cost.
- Where the funds will come from?
- Break down of costs for all proposed action items.
- A breakdown on the costs and where the money will come from to pay for the recommendations.
- What will be the financial impact?
- The importance of long-term returns on investment, both in terms of finance and community well-being; draw more attention to just how much money taxpayers will save; reinforce the notion that you can't put a price tag on improving overall quality of life for the local ecosystems (and by extension, the general public).

3. Environment -- general

- Expanded discussion on climate resilience and adaptation.
- Everything we do has consequences. I thought buying an Apple phone was a fantastic idea, until I found out children in Africa were being used to get minerals used in the production of my phone. I'm heartbroken. I thought solar panels were a fantastic opportunity until I researched having them

installed on our acreage. They are expensive, will not pay for themselves before the panels need replacement, disposal of the panels has toxic impact on the environment.

- More on adaptation.
- Actions needed to mitigate known issues and costs associated with them.
- Plan to eliminate natural gas carbon emissions.
- Compare international carbon emissions to the progress here in the US and PDX in general.

4. Equity: A more thorough discussion of equity, including racial equity, and acknowledgement that equity is central to effective climate mitigation and adaptation. Without centering equity in climate action strategies, we will not be successful in reducing community-wide emissions to the extent needed or in effectively building community-wide resilience to climate impacts.

5. Farming: Land management, agriculture, and transportation seem like different ideas but really they are intertwined when it comes to farming. In my experience, the people involved with these areas are the most resistant to these changes so being clear with them is key. Will there be changes in the amount of land that is available to farming and agriculture (changes in land management)? Will farmers be required to use techniques or equipment that reduce emissions (agriculture and transportation emissions)? What about logging - changes to where and when they can cut and the emissions that are caused by this? What about cattle and their methane production that is a significantly greater GHG than CO₂ (agriculture emissions)? Not to mention they degrade soil, cause soil erosion, and results in reduced and poorer water quality.

6. Impact on residents

- What are the economic impacts of investing in the project as outlined?
- How this will impact our lives and jobs.
- Better understanding the incremental costs and emissions reduction benefits to residents.
- More discussion on real effects on county residents to climate hazards. The bulk of the report concentrates on GHG mitigation and future benefits. Describe the real and existential threats to the residents of Clackamas County from the effects of a changing climate. Provide real examples. My sense is that many Clackamas County residents still do not believe that climate change is happening. Perhaps adding a section with proof that climate change is a real, human -caused and existential threat. Many credible U.S. links (NOAA, NASA, USGS, the National Academies, U.S. Army Corps of Engineers) are available with easy to understand explanations.
- The negative impact on humans if this is to be implemented.

7. Natural gas/fossil fuels

- Leave natural gas alone
- Emphasis on the history and why Natural Gas has become the energy of choice over any other energy. Electricity is not the answer for a long complexity of reasons, nor is Solar, Wind or anything else one could mention for the same long complexity of reasons. If it wasn't for the tax supplementation for alternatives -- there would not be any other choice -- the government has to pay someone to use alternatives. Electricity might be one, but too expensive, and in short supply, and now made worse by promoting electric vehicles -- who thinks that is a good idea when home appliances are still promoting energy saving devices? Good Lord -- Help Us!!
- How we can continue to use multiple energy resources. Use of Renewable Natural Gas.
- Everyone must cut consumption of all fossil fuels immediately by 75%. Nothing voluntary. All industry must comply with going green.
- Renewable / reclaimable natural gas sources

- Any attempts to ban new or existing renewable natural gas hookups. It is absolutely impossible for our community to switch to 100% electric. The grid can't sustain it nor do we produce enough electricity. If you push this agenda we'll experience common reoccurring blackouts. People without the ability to light, heat, cool, and cook in their own homes become very angry and uncivilized. During the ice storm of 2020 my family spent 9 days without electricity. It was terrible, especially for my young children. We had nowhere to go, no support. The only thing which made our discomfort a little more bearable was natural gas, we could take hot showers and cook. There is no question in most people's mind that if you push for 100% electric energy we will all suffer because of your decision.
- Convince me with unbiased data that reducing or eliminating natural gas ACTUALLY reduces pollution as compared to what it takes to generate enough electricity to match or exceed our energy needs, including what is sold to other states from NW hydro generation. I recently tried only using electricity to heat my home with very poor and expensive results. Natural gas is definitely needed in this climate and less expensive. So don't take it from us.
- I would like people to come to their senses and face the reality that we are not getting rid of fossil fuels. It is fiscally irresponsible to rely totally on solar, wind or EV's and getting rid of fossil fuels and natural gas.

8. Partnerships

- Emphasize the private/public partnership.
- Do better talking about external dependencies and risks. What other agencies (outside our control) is this plan dependent on? What are the risks with this plan and what would impact/block its success?
- Broader concept versus Clack County only. Where is larger cross county leadership to make this effective.

9. Role of individuals

- The responsibility of individual citizens in this plan is unclear. What will homeowners need or be required to do? Retrofitting or insulating? Or is the reduced emissions benefit mostly from new building? We lose people if they don't see an action they should take or if requirements are unclear and unknown. Unknown = scary.
- Educating the public that this is an emergency that will take an approach of all hands on deck - every citizen, individually and collectively, doing as much as humanly possible to reduce emissions.
- Speculate (or provide examples) of how an individual or household could (and will) contribute to this plan. Buying an EV is obvious, but what about home improvements, waste/compost, irrigation, replacing appliances, reducing consumption, expanding recycling, etc.

10. Specific actions -- information

- Actual proposed actions to be taken by the county other than setting up another committee.
- Action plan.
- Specific changes that will be made and who will be responsible for making them (legislators, corporations, individuals?)
- Specifics. Example: How Clackamas County will reliably refuel every vehicle that visited a gas station today that will no longer be allowed in Clackamas County post 2050. Or do the residents of Clackamas County cross our fingers and hope everything just works out.

11. Specific actions -- suggestions

- Capture rain water at golf courses for grass.
- End gas powered yard blowers
- Limit motor boats on the Clackamas River.

12. Trees/sequestration

- New dwellings may be made more efficient which is great, but what about loss of carbon sequestering trees in the areas they build? Is there a plan or requirement to plant trees to offset this?
- Conserving the wild spaces that surround us.
- Carbon sequestration
- Using our forests and urban forests to increase carbon sequestration
- Adding trees to streets/neighborhoods - we don't need to do this in many places given Oregon already has many green spaces, however, we have plenty of strip malls and fully concrete streets that increase the temperatures in the summer and worsen health of residents. Tree canopies can help. I saw this is a side box but would make it more clear. In France, they require parking lots of a certain size install to solar panels. Lynbrook high school in CA did this decades ago. We need to decrease our concrete footprint and replace with walkable streets, tree canopies, active transportation but if we cannot, the ones that are present should add back to climate mitigation.
- Manage the Urban Canopy --the removal of large trees for the increased size of homes being built by the developers.
- Building code changes to increase the setbacks to allow for larger trees on the properties.

13. Waste management

- Does food waste mitigation mean that Clackamas Co. is going to institute composting as part of waste management? How much will this cost to build infrastructure and for households to use?
- What about waste management in rural areas? Many people use burn pits to deal with yard/land debris and even garbage. Every spring the air is full of smoke when people burn this. Will this change? Will there be a requirement for this to change?
- This may be for once the project starts, but I want to see banning garbage burning in the county. One can hardly breath on heavy burning days. Not good for the environment or people's lungs.
- Residential (and business) compost pick up for those that live in unincorporated Clackamas County. Allow Ridwell, Inc. to pick up recycling.

14. Transportation/transit

- Active transportation is huge for health, safety, the economy, and climate. More emphasis should be placed on this area. Creating infrastructure with bollards/medians (separated biking lanes from traffic lanes) in many areas will not just keep active transportation safe but also vehicles (long standing data in this area). This can also make our county a place for active transportation tourism. We are a biking state and people want see our beautiful cities and communities. Our residents and tourists also want walkable communities - this investment would bring people to our downtowns, increase economic growth, and the health and well-being of our residents. All this while making an impact on climate change.
- Traffic is by far the main contributor to carbon emissions. The expectation of a substantial increase in use of mass transit before any real or meaningful commitment to increasing the infrastructure or accessibility is a recipe for failure.
- Reducing vehicle emissions, and with increasing active transportation and transit use=make neighborhood streets safer for multimodal use by addressing the density/growth model.
- Is Clackamas Co. working with businesses to support continued work-from-home initiatives started in COVID? It is hard to balance economy with eco-friendly but this seems like an easy one. Fewer commuters equals fewer emissions. I think this part of the plan already, but it is not clear.
- Regarding need to change roads, etc. to better connect communities so they can walk and bike to where they need to go... This seems to be already happening but there is a gap in the communication regarding this. People just seem unhappy to lose lanes to bikes so this should be more clear.

15. Miscellaneous

- The draft is remarkably comprehensive.
- Again, it needs to be chucked.
- How the community feels. You are supposed to do what we want regardless of your own opinions.
- I would like to see it burned.
- YES. But you won't. Because you believe in controlling life.
- I would like to see an opposing report.
- Nothing, this is an excellent beginning.
- The report is one sided
- Let's try taking care of the citizens that are living in the streets
- Nothing, it is very evident that the end goal does not consider citizens.
- I would like the agenda to be wiped from the county's "to-do" list and concern itself with the current tax paying residents instead of the commie activist agenda across the world.
- That climate change is a natural event over thousands of years and that ice ages and hot periods happen..... and need CO2
- Balance and rational thought.
- Emphasis on recognizing that this entire endeavor is a waste of resources and will negatively impact everyone's quality of life far more than any modeled impacts from climate change
- Thank you for all that you are doing!!

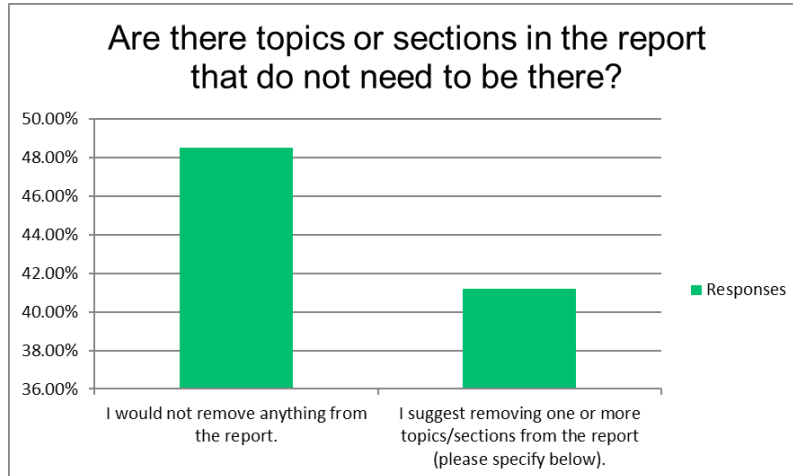
Clackamas County Climate Action Plan Report Survey

Feb. 7-March 7, 2023

Responses to Question 5:

Are there topics or sections in the report that do not need to be there?

86 respondents



48.53% -- would not remove anything

41.18% -- suggest removing one or more topics/sections (specify)

This was an open-ended question. Responses are sorted in the following categories:

1. Elimination of fossil fuels
2. Equity
3. EVs
4. Focus on primary goal
5. Land acknowledgement
6. Natural gas
7. Projections
8. Raising costs
9. Repetitive
10. Rewrite/reduce
11. Throw it out
12. Unsure/other

Elimination of fossil fuels: The premise is already concluded in the report. Too many resources are going to be thrown at this. Work on a clean environment - but not all is resolved by elimination of fossil fuels. Elimination of abundant fossil fuels in exchange for lithium (has its own mining and recycling limitations), solar panels (also have their own manufacturing, effectiveness, life span, land use, aesthetic and recycling issues), wind (inefficient, inconsistent, manufactured using oil based products, wildlife/bird killers, visual horizon pollution). All energy sources have limits and issues. Fossil fuels are no different than the others when we look at the big picture.

Equity

- The section on Equity
- Re-word equity to equality. This equity topic really seems speculative anyways.

EVs

- Remove references to EV emissions reduction. While pollution with EV is reduced, it is not reduced globally when considering all the mining for minerals and carbon used to produce the vehicle.
- De-prioritize personal EVs. Electrify fleets, but need more people on transit, bike, walking.

Focus on primary goal: There is a hole in my bucket dear Lisa. Stay focused on the primary goal, don't keep adding 'good idea' goals which can cause the project to become overwhelming, as we seek to fix all the problems in the world.

Land acknowledgement: Remove land acknowledgement, this is a distraction from any serious governmental report unless it's directly related to a tribal issue.

Natural gas

- Remove any plans or misinformation regarding decreasing use of renewable, reliable, clean Natural Gas. The idea of banning natural gas is lunacy -- an attempt to remove one more affordable option hard working families have. Unless, of course you want to channel more money into homeless shelters (internment camps).
- Remove banning natural gas part.
- This section is a lie: Indoors, natural gas stoves and fireplaces are identified as contributors to negative health impacts, especially for children. This means their replacement with electric units over time can further decrease negative health outcomes and the associated human and financial costs of those outcomes. Multnomah County, 10 November 2022. "The Board of Commissioners briefed on the Public Health review of health risks posed by gas stoves," <https://www.multco.us/multnomah-county/news/board-commissioners-briefedpublic-health-review-health-risks-posed-gas-stov>

Projections: Projections concerning the value of 'Large up front investments' appear to be very wishful and speculative and not very convincing.

Raising costs: Anything that makes basic needs for surviving more expensive.

Repetitive

- Introductory material, from "What is a Climate Action Plan?" section to "Clackamas County's Climate Action Plan" is a bit repetitive, could consolidated to help make the report more readable.
- The results of poor air quality and other pollutants are obvious and repeated in the draft.
- There is some redundancy but no need to remove it.

Rewrite/reduce:

- This report should be thrown in the trash and re-written to be meaningful. It is a conglomeration of references to various statistics, laws, and other reports. It is a gem of bureaucratic nonsense.
- A glossary and well written plan with little practical chance of material effect is a large waste of time and money. Substantially reduce scope of plan. A realistic set of goals to reduce traffic emissions provides both the hope of actually making a difference and a solid start to build on in the future.

Throw it out

- Land Acknowledgement, Climate Action Imperative, Climate Action Plan, all subsequent sections
- The whole report.
- Remove it all.
- All of it

- All.
- Discontinue the process and spend county's time and money on things that will help its residents
- Delete this entire report
- Remove the entire report and stop wasting taxpayer money on these unproven narratives.
- Trash the report and never revisit it again!
- Trash it.
- Remove whole report -- waste of taxpayer money; clear agenda to hurt people of Clackamas county.
- Throw the whole report in the garbage! Quit wasting our money! Net zero emissions is pure fantasy that can never be achieved and will only be used as an excuse to increase fees and regulations, increase costs and restrict person freedoms in the name of the "greater good". Yes, the climate is changing. It's getting warmer. It's supposed to. It gets warmer when you come out of an Ice Age. Quit buying into the "panic porn" from the media and the WEF and start thinking for yourselves. "Saving the planet" means nothing if we lose our individual sovereignty in the process.

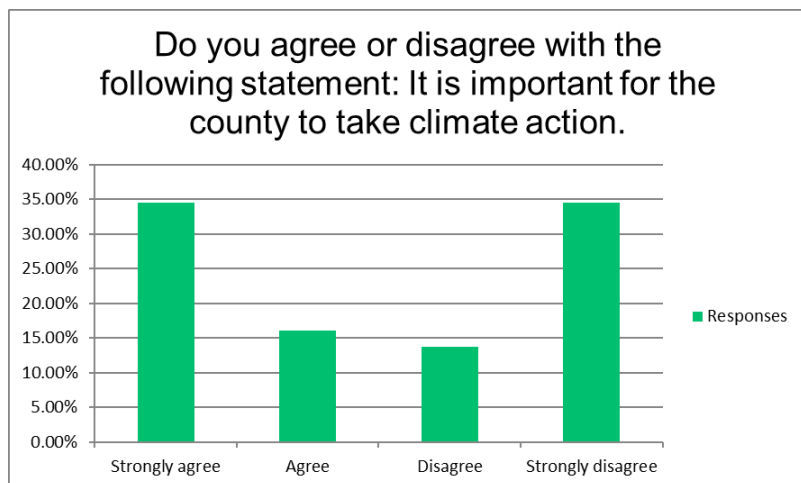
Unsure/Other

- Not sure
- Not sure. Quit concentrating on report. Start planting and capturing water, solar panels on new construction, low-flow appliances, hallway lights that automatically turn off, underground all utilities.
- Not sure; depends on who's reading it. I don't need to know economic or health costs of inaction or future projections of climate change; or benefits of improving climate. All I need to know is specific actions needed and how much impact each will make. But, if this is intended to convince people who don't understand why it's important, those sections are likely more crucial. That said, if decision makers still need convincing, we're probably all doomed anyway.
- I don't think it is possible to be carbon neutral.

Clackamas County Climate Action Plan Report Survey
Feb. 7-March 7, 2023

Question #6: Do you agree or disagree with the following statement: It is important for the county to take climate action.

Respondents: 86



Agree	50.57%
Strongly agree:	34.48%
Agree:	16.09%
Disagree:	13.79%
Strongly disagree:	34.48%
Disagree	48.27%

Agree

- Critical for the County to take climate action. As a public agency the County has a responsibility to safeguard the well-being of current and future residents. This includes taking actions to reduce emissions associated with County operations, and working with organizations County-wide to support and enable action at different levels. E.g., many cities in Clackamas County have climate action plans already but a county-wide approach might be more effective to address issues like air quality, setting up warning and response systems for natural hazards like extreme heat, financing mechanisms for building retrofits, and helping coordinate expansion of active transportation networks. The county can provide a supportive regional framework for cities and businesses to take action.
- I'm very pleased to see that Clackamas County is addressing this critical problem, since it impacts every living thing, regardless of age, economic class, etc. It's important to communicate this effort to everyone, young and old in our county.
- Imperative that climate action plans are developed, adopted, executed, and enforced at all levels of government. Waiting for people to "do the right thing" is not a solution and will never work. Ever.
- Need more action.
- The biggest challenge will be to get organization and individuals to change their behavior.
- Every serious study I've read on climate change and 'net zero' indicates that without nuclear it is not possible with present technology. Invest as much as we can into: 1) R&D to drive down the cost and increase the efficiency of renewable energy 2) Training electricians and tradesmen to work in the energy sector 3) Temper the expectations about what is realistically achievable with current technology and DON'T do anything that impedes economic progress unnecessarily (i.e. banning natural gas usage).
- We will be judged by our future generations for our inability to do more on the climate issue
- Problem is there is too much talking and not enough action.
- But be reasonable, focus on the single goal, don't try to fix everything needing to be fixed.
- But not for Clack County only

- But you must remember that unless community has safety first none of your efforts will be successful.
- It's snowing on March 1st, waiting 27 years to be carbon neutral is negligent and lazy.
- It is important to start thinking about it but think it all the way through. What needs to be put in place, invented, thought about BEFORE action is taken.

County too small to influence global issue

- Should not be a major county issue. Our contribution is minuscule compared to the worldwide issue.
- There is no proof that human activity is the direct cause of climate change. The entire U.S. output is dwarfed by China and India and by following your plan you would be having a miniscule impact on carbon emissions while greatly inconveniencing county citizens. The juice is not worth the squeeze.
- Anyone who thinks clackamas county's decisions will have any impact on climate change should have their head examined.
- While the county should take action on climate it should do so in concert and under the direction of larger political entities. There is something especially absurd about the references in this report to planet-wide effects of climate change, as though Clackamas County is going to have any measurable effect whatsoever on what happens to global climate.
- As long as China, India, and other developing countries don't make changes eliminating natural gas raises our prices and puts us at an economic disadvantage. This is an exercise in the redistribution of wealth and has little to do with actual climate change. It's just lip service.
- As stated in the draft, this is a world-wide problem and we can only do so much to help.
- Clackamas County is such a very, very small contributor to CO₂ emissions there is no way to build a case where anything the county does is going to have any impact on climate but will sure reduce the quality of life for county citizens.
- So long as China continues to not take pollution seriously our impact will be minimal as a nation and certainly as a county. We all live in the same bubble.

Disagree

- Clackamas County Carbon neutrality has caught on because it's easy to say, people don't have to think too hard and openly discussing the consequences of this dramatic tearing down and construction of whole new infrastructures isn't even talked about. It's just like Biden saying he's going to cure cancer. Well happened with that? Did you know that back in the 1960's alarmists were saying we were going to be completely submerged in litter by the 1980's? Remember, all the landfills in the country are supposed to be full by now? We were supposed to be out of gasoline by 2016. Remember that one? I know, because I disagree with you, you will call me a climate change denier. You've already set your goals while calling it a discussion. What I say doesn't matter. What anyone, even scientists who disagree with you say, doesn't matter. We are all going to suffer because of your choices.
- Again. It is based on falsehoods and an agenda.
- You will make us and all businesses in Clack County weaker and poorer if you follow this report. You probably won't take the advice, but if this becomes reality you best be prepared to lose your seats!
- Garbage in, garbage out. No wonder these people stopped calling the problem "global warming" (couldn't be proven) and switched to "climate change" (doesn't need to be proven). The climate has been, and always will be, changing. And while we can be better stewards of our environment, we are not going to stop climate change. So, stop trying to rule our lives with baseless ideas.
- The radicals of this state are what are destroying it, not fossil fuels.
- The plan will have a negative affect on the financial well-being of persons remaining in the county.
- This is a SCAM!!!

Miscellaneous

- Clackamas County seems far too willing to sacrifice its small towns and unincorporated areas for property tax gains/income. It ignores opportunities to increase density in commerce areas (for ex.

residential lofts built on top of Storage Unit facilities or stores) and gives developers far too much power. Green Finance has not been addressed either.

- Did you know State of Washington has discontinued all DEQ vehicle testing as of January 2020. Because gasoline vehicles no longer pollute. The clean air target has been met. People can no longer commit suicide from the exhaust. Those who have tried, go to sleep, wake up in the morning, hungry and fix up a breakfast. There is no need for electric vehicles. Especially when there is an electric shortage. We citizens no longer believe anything the government tells us as it has lost the trust we once have had for it.
- Leave natural gas alone
- There are way more urgent problems that county is facing. Homeless issues, drugs, crime.
- The movement is taking an approach that is not possible to obtain without major overhaul of our national infrastructure
- Not in the way that the world is pushing it.
- Stupidity is more dangerous than climate nuts.
- Why is the county spending time and money on this when the state government and federal government is already doing this? Your focus should be on crime, homelessness and being business friendly to increase employment opportunities and prosperity for the county.
- We need to creatively use all the energy that's available to us, and not restrict anything.

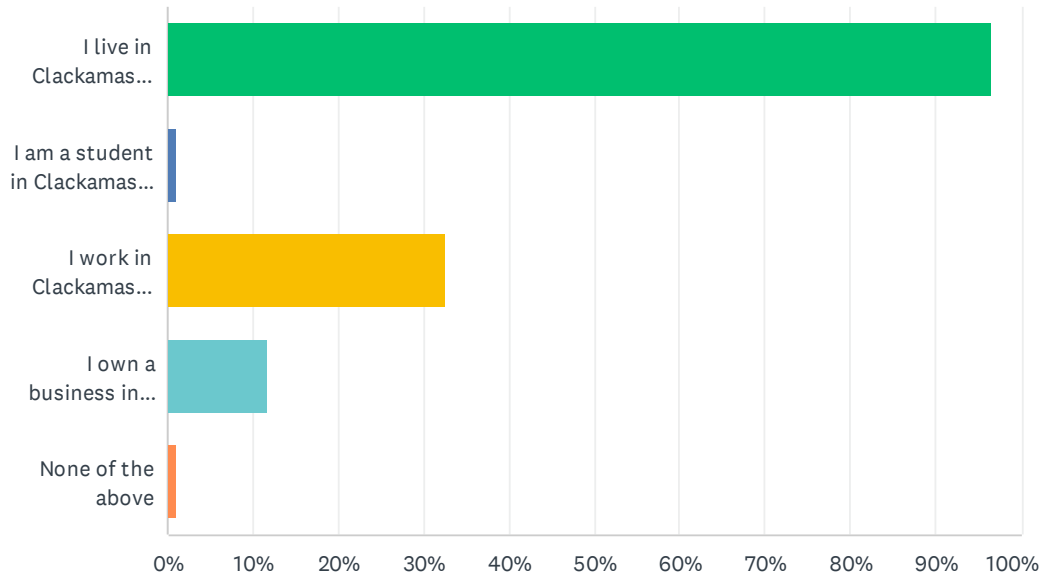
Nuances

- I wish there was a neutral category. I do believe that we should do something about climate action but the state is already trying to do a lot - I am not sure what the value is of Clackamas doing more beyond the suggestions mentioned above.
- We need to take responsible care of our environment and do all we can to reduce pollutants. But I'm concerned about extreme measures that will possibly make the environment better, but make it difficult for families to afford their basic necessities by removing competitive & affordable options, i.e. only allowing electricity as an energy source, etc.
- Any attempts to ban new or existing renewable natural gas hookups. It is absolutely impossible for our community to switch over to 100% electric. The grid can't sustain it nor do we produce enough electricity. If you push this agenda we'll experience common reoccurring blackouts. People without the ability to light, heat, cool, and cook in their own homes become very angry and uncivilized. During the ice storm of 2020 my family spent 9 days without electricity. It was terrible, especially for my young children. We had nowhere to go, no support. The only thing which made our discomfort a little more bearable was natural gas, we could take hot showers and cook. There is no question in most people's mind that if you push for 100% electric energy we will all suffer because of your decision.
- You don't need to take climate action. You need to take environmental action. When you're ready to explore the difference you will truly become stewards of the planet.
- Let's look at the total facts honestly.
- Need more information on the economic impacts of any programs the county undertakes.
- We need to use energy more efficiently as a society but I don't agree on the extreme measures being suggested or implemented. Fossil fuels are a necessary part of living for the foreseeable future.
- The emphasis should be placed on specific actions to address specific issues. The focus on eliminating carbon emissions as the only viable answer is not convincing.
- The report comes across as a sales pitch that does not deliver due to little substance. Provide objective analysis with disclosure of cost/benefit to the affected communities and businesses and maybe an informed decision could be made to support climate action or inaction.
- It sounds extreme but it is low priority relative to other more pressing infrastructure, education, health and human need priorities. Focus on things where Clackamas County can actually make a difference. Clackamas County cannot make any difference in the futile chase to stop climate change - our planet's greatest constant since the beginning of time.

- I'm not convinced the data actually calls for the proposed solutions. It appears the whole climate crisis is made up by the elites. It would be better if, like our forefathers, the government would create sufficient and effective renewable energy sources prior to making a change. Building hydroelectric generation was and still is a very good example.
- What is the ROI for "taking climate action" versus taking "alternative actions" or "no action at all". The result should not solely be measured by carbon emissions because they are not all bad and the earth needs carbon in the air for plant and crop growth. What about economic output, cost of living, inflation, impact on taxes, etc. and negative environmental impacts of un-disposable batteries?

Q7 Which of these apply to you? (Please check all that apply.)

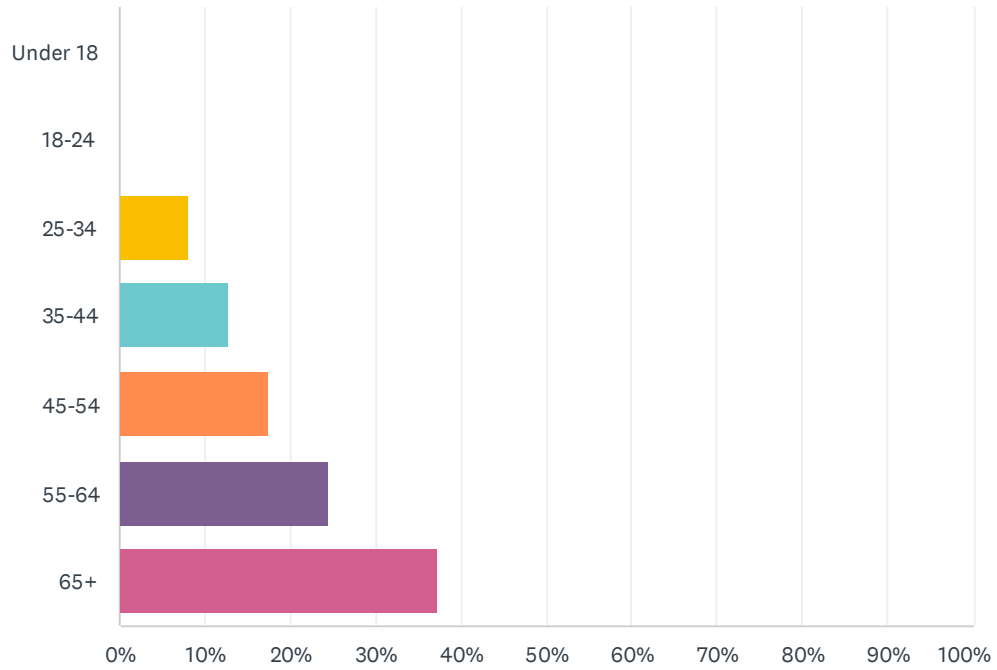
Answered: 86 Skipped: 2



ANSWER CHOICES	RESPONSES	
I live in Clackamas County	96.51%	83
I am a student in Clackamas County	1.16%	1
I work in Clackamas County	32.56%	28
I own a business in Clackamas County	11.63%	10
None of the above	1.16%	1
Total Respondents: 86		

Q8 What is your age?

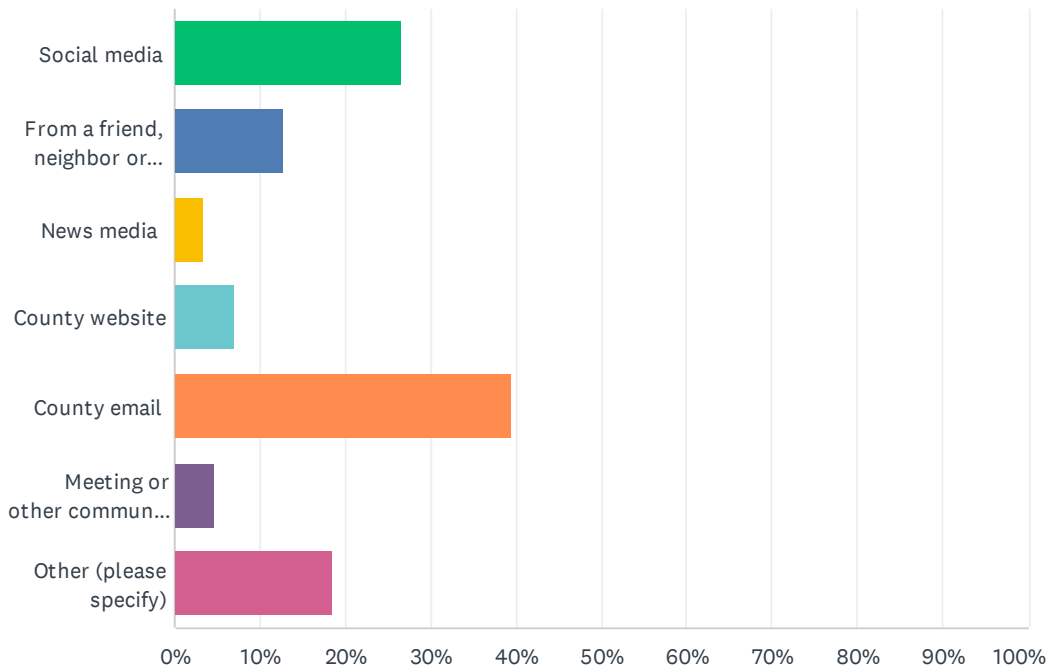
Answered: 86 Skipped: 2



ANSWER CHOICES	RESPONSES	
Under 18	0.00%	0
18-24	0.00%	0
25-34	8.14%	7
35-44	12.79%	11
45-54	17.44%	15
55-64	24.42%	21
65+	37.21%	32
TOTAL		86

Q9 How did you learn about this survey?

Answered: 86 Skipped: 2



ANSWER CHOICES	RESPONSES	
Social media	26.74%	23
From a friend, neighbor or family member	12.79%	11
News media	3.49%	3
County website	6.98%	6
County email	39.53%	34
Meeting or other community event	4.65%	4
Other (please specify)	18.60%	16
Total Respondents: 86		

#	OTHER (PLEASE SPECIFY)	DATE
1	Thelma Haggemeir's CIA (Citizens Involved & Aware?) email newsletter	3/7/2023 10:44 PM
2	NW Natural gas notifications	3/7/2023 9:18 PM
3	NW Natural email	3/7/2023 10:25 AM
4	NextDoor website	3/4/2023 3:49 PM
5	Nextdoor email	3/3/2023 1:10 PM
6	NW Natural	3/2/2023 9:11 AM
7	Nw Natural	3/1/2023 7:08 PM

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8	NW Natural sent me a link to the survey.	3/1/2023 5:04 PM
9	Energy company email	3/1/2023 12:50 PM
10	Email. I signed up several months ago	2/28/2023 8:09 PM
11	Community Update NW Natural email	2/28/2023 7:09 PM
12	Mailing list	2/28/2023 7:04 PM
13	as a member of the Sandy Planning Commission	2/24/2023 3:56 PM
14	NW Natural Gas email.	2/22/2023 9:21 AM
15	You just told me.	2/15/2023 9:15 PM
16	I signed up for Clackamas County emails.	2/9/2023 12:54 AM