

CITY OF CHARLOTTESVILLE, VIRGINIA  
CITY COUNCIL AGENDA



Agenda Date:	May 6, 2019
Action Required:	Vote on Resolution
Presenter:	Susan Elliott, Climate Protection Program Manager
Staff Contacts:	Susan Elliott, Climate Protection Program Manager Kristel Riddervold, Environmental Sustainability and Facilities Development Manager Paul Oberdorfer, Director of the Department of Public Works
Title:	<b>Update on City's Global Covenant of Mayors Commitment: Draft Recommendations for a New GHG Reduction Goal &amp; Key Focus Areas for Phase 3</b>

**Background:**

This report provides an update on the June 2017 commitment by City Council to the [Global Covenant of Mayors](#) (the Covenant) as part of a [Response to the U.S. Withdrawal from the Paris Climate Agreement](#). The commitment built on previous commitments and existing efforts of the City through its [Climate Protection Program](#). The most recent update was presented to City Council on [November 19, 2018](#) and included a proposed timeline for community engagement and consideration of a new greenhouse gas emissions reduction goal for the City.

*Review of Timeline and Activities*

From February 14 – March 17, 2019, staff solicited direct input from the community on a new greenhouse gas (GHG) reduction goal. Community members could completed an online questionnaire with a set of questions and an open response option or could contact staff directly. The online questionnaire provided information regarding what the City aimed to achieve with this process and points of reference from the Intergovernmental Panel on Climate Change's (IPCC) October 2018 findings and data from [Charlottesville's 2016 greenhouse gas inventory](#).

Following this report to City Council, a second period for public input will be open through May 31, 2019 for community response and further input on the draft reduction goal recommendations (presented below). Staff is aiming for the first Council meeting in July to propose a reduction goal for adoption, which will be before the July 10, 2019 reporting deadline for the Covenant of Mayors.

*Community Input – First Comment Period February to March 2019*

From February 14<sup>th</sup> through March 17<sup>th</sup>, staff received 142 responses to the online questionnaire and three community letters signed by 41 for-profit and non-profit businesses, 7 independent schools, and 827 residents of whom 422 live in the city. The full responses are included here as Attachments 1-4. Summaries of the input received and additional information from staff are shared below:

### *Goal Alignment with Albemarle County and the University of Virginia*

Over 80% of respondents felt it was important or very important (66%) to align the GHG reduction goals of the City, County, and UVA. [County staff](#) have recommended a 45% reduction by 2030 and net zero by 2050. UVA expects to meet its reduction goal of 25% by 2025 ahead of schedule and is now in the process of setting a new climate target.

### *Reflection of the IPCC Recommendations*

Over 90% of respondents felt it was important or very important (83.8%) for the City's reduction goal to reflect the IPCC recommendations. The most recent [IPCC report](#) supports global efforts at the local level to limit global warming to 1.5°C as compared to 2°C, or more. Limiting warming to 1.5°C would help limit the negative effects of climate change and would reduce environmental harm, but would not maintain the same climate conditions and environmental state as we currently experience. To limit global warming to the 1.5°C level, the IPCC recommends aiming for 45% GHG reduction by 2030, based on 2010 emissions levels, and net carbon zero by 2050. All three community letters expressed support this “best-in-class” two-part goal.

### *Importance of Charlottesville as a Leader*

Respondents felt it was very important for Charlottesville to be a leader in its GHG reduction goal within Virginia and within the USA, and important to very important to be a leader compared to international communities. The Charlottesville Climate Collaborative (C3) shows a map of [climate goals around the southeast](#). Richmond, Blacksburg, Roanoke, and Alexandria have goals of an 80% reduction by 2050. [Washington DC](#), amongst others in the country, has set a goal of 50% by 2032 and carbon neutral by 2050.

### *Interim Targets within the Overall Goal*

Respondents felt it was very important to have interim targets within the overall goal. A two-part goal of carbon neutrality by 2050 with an interim goal of 45% reduction by 2030 would be in alignment with this interest. Additional interim targets can be assessed during Phase 3 of the Covenant commitment while developing a Climate Action Plan.

### *Pacing Reductions*

When asked how the total amount of reductions should be distributed over the timeline for the goal, the majority of respondents were in favor of a greater amount of reductions at the beginning and tapering off towards the end. This can also be referred to as ‘front-loading’. A goal of carbon neutrality by 2050 from a 2010 baseline (e.g. over 40 years) with a goal of a 45% reduction goal by 2030 (e.g. over 20 years) would not be considered ‘front-loaded’ but would communicate value in exceeding the 2030 target.

### *Identification of Sub-Goals*

Respondents felt it was very important to have sub-goals for individual sectors within the community GHG emission profile (ex. residential, commercial, etc.) and for types of strategies (ex. renewable energy, energy efficiency, etc.). These responses help to indicate a desired level of analysis and detail to be addressed in the development of a Climate Action Plan.

### *Addressing Equity*

Respondents felt it was very important that both the City's GHG reduction goal and the climate action strategies in the Climate Action Plan specifically address equity. These responses will help to inform the evaluation of strategies for the Climate Action Plan and confirm that – like [the three pillars of sustainability](#) – the Charlottesville community sees a successful climate action

effort as one that embraces multiple core values. Such considerations could range from the broader scope of environmental justice to consideration of effects on individual households. For example, [a 2016 review](#) of the amount households pay for their energy – also known as the “energy burden” – in 48 major U.S. metropolitan areas found that:

- Low-income households had to dedicate up to three times as much income to energy costs as do other, higher-income households (7.2 percent compared to 2.3 percent)
- Low-income households experienced the highest median energy burden (7.2 percent), followed by African-American households (5.4 percent), low-income households living in multifamily buildings (5.0 percent), Latino households (4.1 percent), and renting households (4.0 percent)
- Experiencing high energy burdens can greatly affect the mental and physical health of families by increasing financial stress, cases of asthma, respiratory problems, heart disease, arthritis, and rheumatism. Children and the elderly are most susceptible to these health impacts caused by improperly heated or cooled homes
- If low-income housing stock were brought up to the efficiency level of the average US home, this would eliminate 35 percent of the average low-income energy burden of low-income households. For African-American and Latino households, 42 percent and 68 percent of the excess energy burden, respectively, would be eliminated

#### *Measurements & Accountability*

The three community letters all ask for a commitment to conducting a greenhouse gas inventory every two years track progress towards our goal. When undertaking the most recent greenhouse inventory, staff made efforts to improve the process for future inventories. Data tracking and metrics will need to be a well-thought out element in the Climate Action Plan.

#### *The Importance of Funding and Financing*

The community letter from the for-profit and non-profit organizations also included support for financing mechanisms that support and further the private sector’s ability to invest in local renewable energy and energy efficiency projects to reduce the commercial sector’s emissions. Staff agrees that identification of accessible and effective funding strategies is essential to overcoming upfront financial barriers for climate action strategies in the commercial sector as well as in the residential sector.

### **Discussion:**

Evidence for climate change being human-driven has reach a [“gold standard” level](#), which is the same threshold used to confirm discoveries such as gravitational waves and the Higgs boson subatomic particle, a basic building block of the universe. The most recent IPCC report, which took two years to develop and references 6,000 works, lays out the scientifically-based challenge that communities and governments face. News articles, such as [this one by the Guardian](#), attempt to capture some of the key highlights:

- the world has already warmed by 1 degree Celsius (1C), and we are experiencing the effects of climate change;
- while only 0.5 degrees different, the impacts to ecological and social systems of our world will be substantially improved if we can limit warming to 1.5C as opposed to 2C;
- pathways to limiting the amount of warming have been identified, but they are not achievable under current commitments;
- commitments of 45% reduction by 2030 from 2010 levels and carbon neutral by 2050 are in alignment with a 1.5C warming limit

Responses from the community indicate acknowledgement of the challenge ahead and interest in pursuing goals and actions that are proportional to the challenge.

Staff recommends that the City of Charlottesville adopt a new GHG reduction target that represents leadership in the topic of climate change and adequately responds to the challenges of climate change in both scale and timeline. Given the use of new inventory protocol standards as part of the Covenant commitment and recommendations from the IPCC that reference 2010 as a baseline emissions year, staff also recommends that the City maintain comparison to its 2000 inventory for reference, but establish its 2011 inventory year as the basis for emissions reductions.

**As a draft recommendation, staff proposes that the City of Charlottesville adopt a 45% reduction by 2030 interim target, from its 2011 inventory year, and the goal of carbon neutrality by 2050.**

A precise path from the City's 2016 emissions inventory to carbon neutrality in 2050 is not currently clear. There is wide-spread recognition that carbon capture and sequestration will need to be part of the strategy globally to limit warming, and investments are being made to further the potential and understanding of these strategies ([DOE \\$20 million investment](#), [H.R. 763](#), [Washington DC Carbon Neutrality Strategy](#)). The level of advancement that has been made in energy storage and renewable energy technologies over the past 10 years speaks to the potential for further technological advancement in this area over the next 30 years.

Accompanying this reduction goal would be direction to develop a Climate Action Plan that focuses clearly on the 2030 interim target and incorporates periodic reviews to track and integrate new developments in technology and strategies that develop. Similarly, as staff begin to consider how to structure and develop a Climate Action Plan to meet Phase 3 of our Covenant commitment, staff seeks direction from Council regarding four key focus areas, three of which relate specifically to the city's three largest emissions sectors. Confirmation from Council in support of these four focuses will help inform staff's direction of time and resources over the coming months and will provide confidence to the community that these areas will be addressed in the plan.

As such, staff has drafted a proposed resolution and welcomes Council's comments on the draft recommendations for a new emissions reduction goal and key focus areas for the climate action plan.

#### **Alignment with City Council's Vision and Strategic Plan:**

These efforts are in alignment with City Council's Green City Vision, the Strategic Plan: Goal 3 – A Beautiful and Sustainable Natural and Built Environment; and the Comprehensive Plan: Chapter 4 (and as proposed in the 2018 update).

#### **Community Engagement:**

City staff discussed the public input process during focus group sessions with community groups that are "climate mission aligned" in the fall of 2018. Based on their input, staff have pursued the public input timeline and opportunities as described above. In addition, sustainability staff from the City, County, and UVA, recognizing that all three organizations are undertaking climate action planning and goal setting concurrently, are working together to coordinate on community engagement. We have set up a joint landing page website – [climateactiontogether.org](http://climateactiontogether.org) – as a central landing point for information about climate action planning locally. Through this webpage, each organization's

website, press releases, and social media, we are promoting opportunities for community engagement. City and UVA staff participated in the County's Climate Open House event on March 18<sup>th</sup>, City and County staff co-presented at the March Sierra Club Chapter meeting, and City, County, and UVA staff have participated in community events and tabling opportunities in April that were organized in honor of Earth Day. Additional joint efforts are anticipated.

**Budgetary Impact:**

Funds have already been appropriated as part of the Fiscal Year 2018 budget within the Environmental Sustainability Division cost center to be used for this purpose.. No additional budgetary impact.

**Recommendation:**

Staff recommends consideration of the proposed GHG reduction goals and support for conducting a second period for public input (to run through May 31). Staff also recommends adopting the proposed resolution identifying four key focus areas to be addressed by the Climate Action Plan.

**Alternatives:**

Council can modify the proposed GHG reductions goals for consideration. Council can also amend the proposed resolution or not adopt it.

**Attachments:**

1. Online Community Input Questionnaire Responses
2. Community Letter: For-Profit and Non-Profit Organizations
3. Community Letter: Private Schools
4. Community Letter: Citizens
5. Resolution Identifying Four Key Focus Areas for Phase 3

# Setting a GHG Reduction Goal - Community Input

## Welcome!

Our region has a history of commitments to sustainability and climate action. The community's input has consistently been an important part of the process that informs policy goals and future actions. We hope that you will engage in this and other upcoming public comment opportunities to help advance climate action in our region.

## What are we aiming to achieve?

The City of Charlottesville first committed to greenhouse gas reductions by joining the U.S. Mayors Climate Protection Agreement in 2006. This commitment was most recently renewed in 2017 when Charlottesville committed to joining the Global Compact of Mayors (since renamed to the Global Covenant of Mayors). We are currently in Phase 2 of that commitment, where we will set a new greenhouse gas (GHG) reduction goal and assess climate vulnerabilities.

## Where can I get more information?

Information on the City's Climate Protection Program and progress its Global Covenant of Mayors commitment can be found at [www.charlottesville.org/cpp](http://www.charlottesville.org/cpp)

Information on concurrent climate action processes during 2019 in the Charlottesville-Albemarle-UVA region is available at [www.climateactiontogether.org](http://www.climateactiontogether.org)

## Demographic Questions

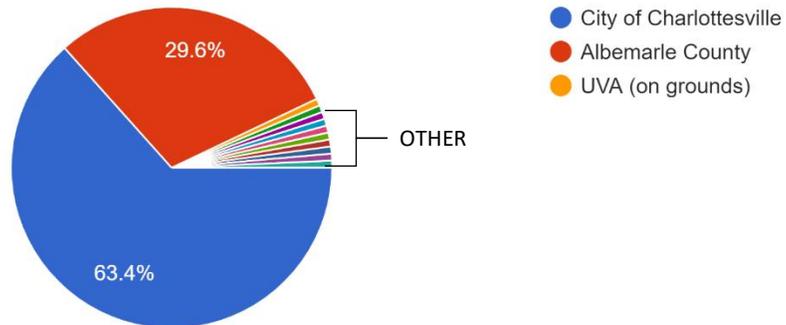
Please answer the following two questions for demographic purposes. Responses to this form will be incorporated in the City of Charlottesville's GHG reduction goal setting process and will be shared for informational purposes with Albemarle County and UVA Sustainability staff members.

## Online Questionnaire

1)

Where do you live?

142 responses



Other Responses:

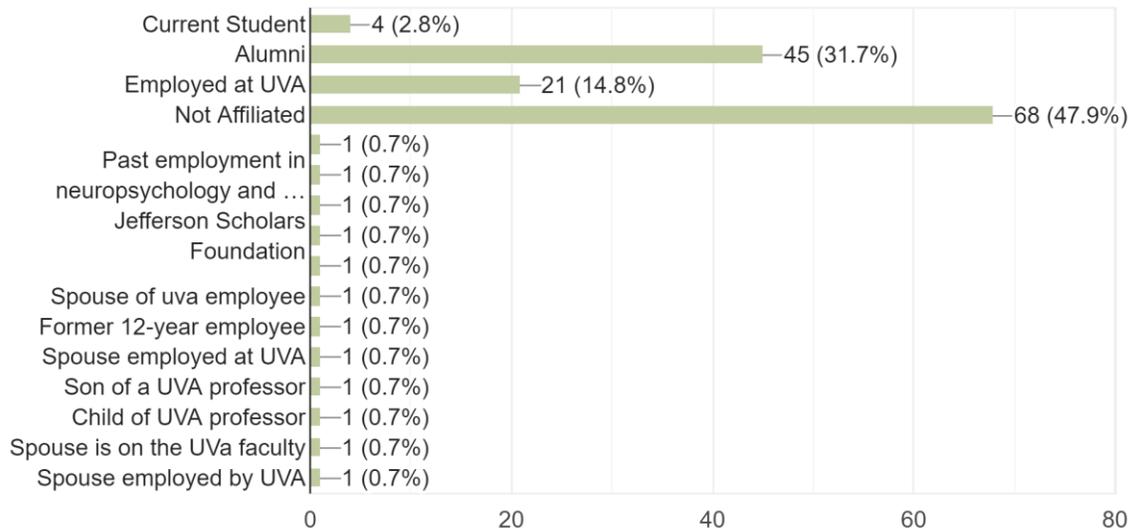
Fluvanna
Fluvanna
Fluvanna County
Formerly resident of Waynesboro
I live and work and have intercourse and enterprise across all these jurisdictions
Nelson County
Palmyra
Southern Maryland
Waynesboro

## Online Questionnaire

2)

How are you affiliated with UVA? (check all that apply)

142 responses



## GHG Reduction Target Questions POINT OF REFERENCE - IPCC Report

A recent report by the Intergovernmental Panel on Climate Change (IPCC) recommends efforts at the local level to limit global warming to 1.5°C compared to 2°C, or more. (IPCC REPORT:

<https://www.ipcc.ch/sr15/>)

Two key messages of the report are:

- we are already seeing the consequences of 1°C of global warming through more extreme weather, rising sea levels and diminishing Arctic sea ice, among other changes, and
- a number of climate change impacts could be avoided by limiting global warming to 1.5°C, as compared to earlier recommendations of 2°C.

The report acknowledges that actions to limit global warming to the 1.5°C level are underway, but need to be greatly accelerated and aimed at a 45% GHG reduction by 2030, based on 2010 emissions levels, and net zero carbon by 2050.

## POINT OF REFERENCE - CHARLOTTESVILLE GHG REDUCTIONS

Charlottesville achieved a 2% GHG reduction from 2000-2011, and an additional 21% GHG reduction from 2011-2016.

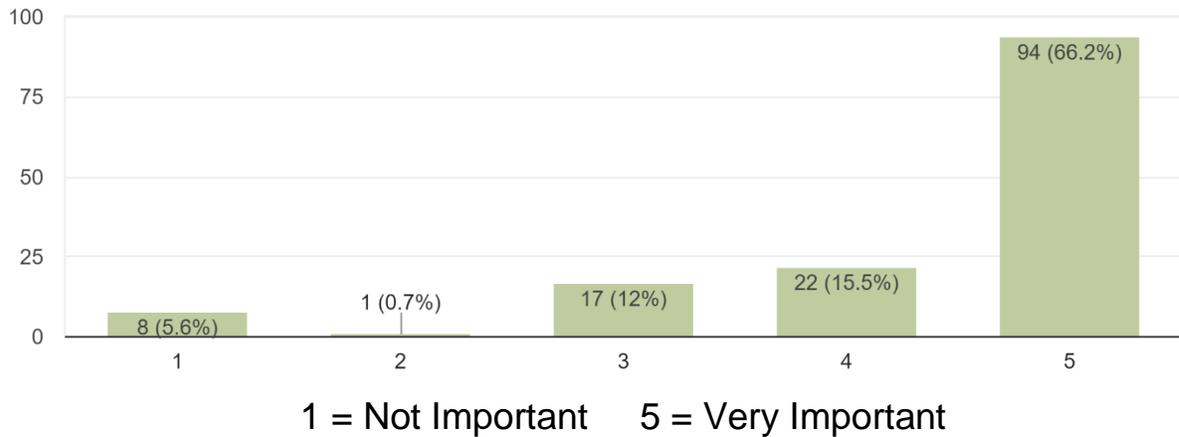
## Online Questionnaire

To help inform a Charlottesville GHG reduction goal proposal, please tell us:

3)

How important do you feel it is to align the GHG reduction goals of the UVA, Albemarle County, and City of Charlottesville?

142 responses

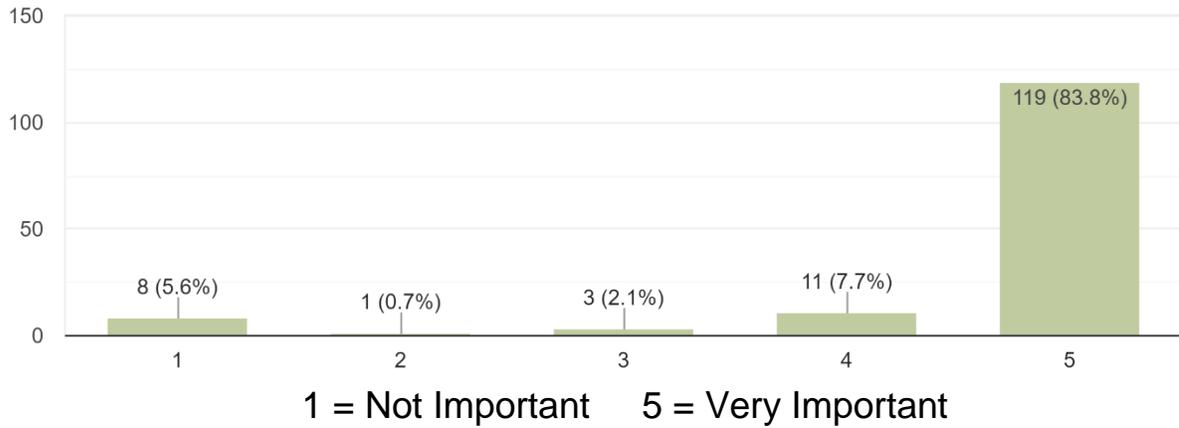


## Online Questionnaire

4)

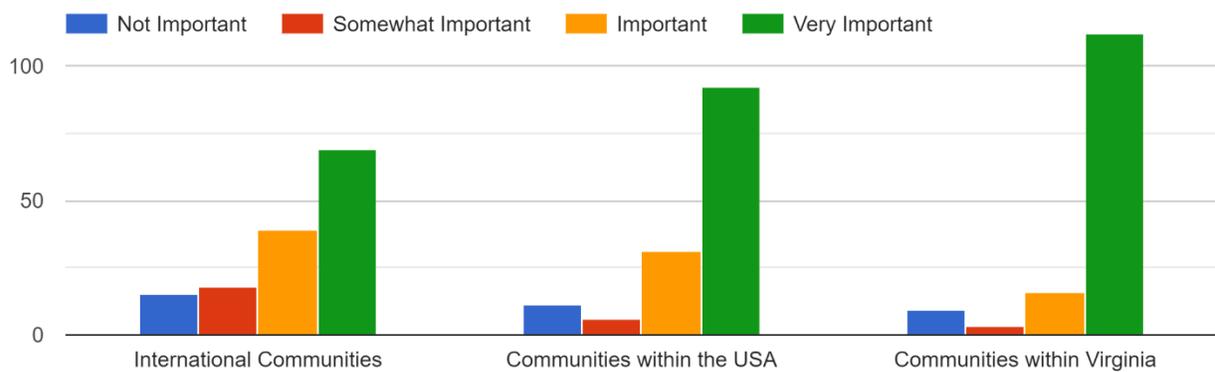
How important is it to you that the GHG reduction goal reflect the IPCC recommendations?

142 responses



5)

How important is it to you that Charlottesville be a leader in its GHG reduction goal compared to:

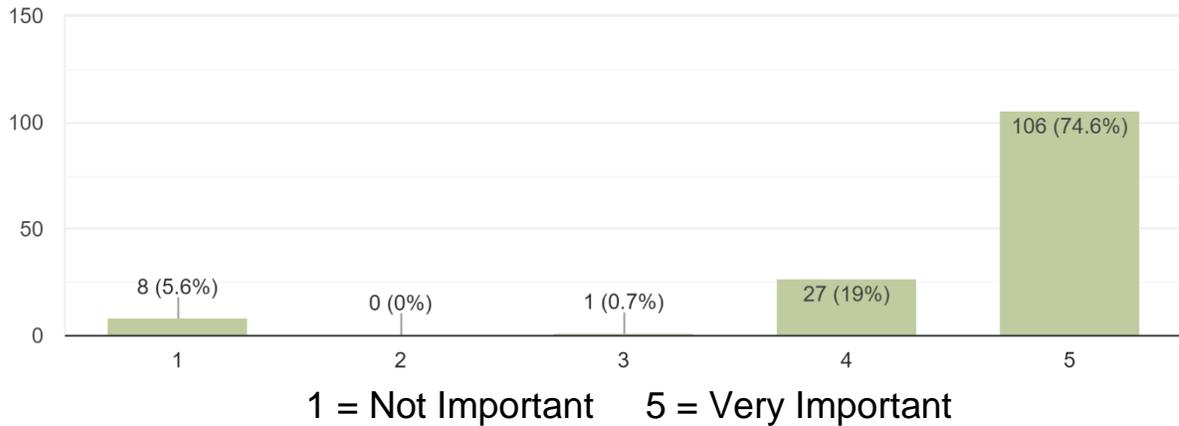


## Online Questionnaire

6)

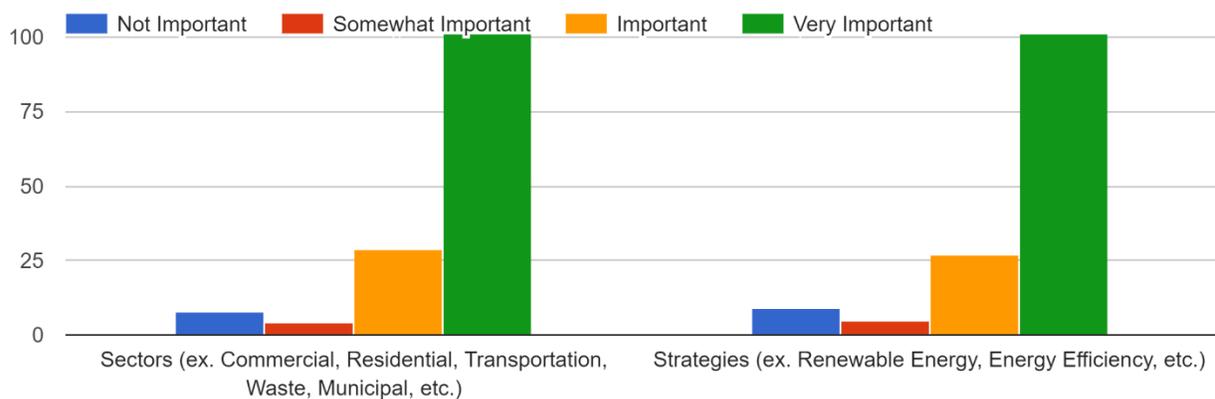
How important do you feel it is for Charlottesville's GHG reduction goal to have interim targets within the overall goal?

142 responses



7)

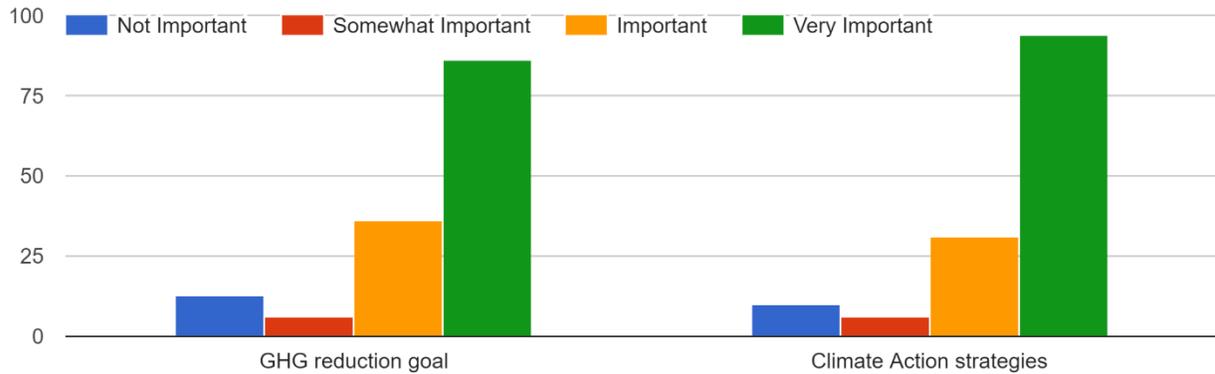
How important do you feel it is for Charlottesville to identify sub-goals for its community sectors or specific strategies?



## Online Questionnaire

8)

How important is it to you that Charlottesville specifically address equity in its GHG reduction goal and climate action strategies?

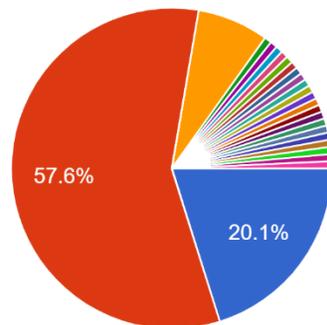


## Online Questionnaire

9)

In regards to pacing, how should Charlottesville aim to achieve its new GHG reduction goal? For example, if Charlottesville adopts a 30-year GHG reduction target, should it:

139 responses



- 20.1% Aim to reduce an equal amount every 10 years
- 57.6% Aim to reduce a large amount over the first 10-15 years and a smaller amount after that
- 7.2% Aim to reduce a small amount over the first 10-15 years and a larger amount after that
- 15.1% Other

### Other:

Climate Change is an interplanetary issue -- NASA reports show that all of the planets in the solar system are heating up little by little from the inside, so as much as we think we are to blame -- we cannot prevent this shift since it is happening from within the Earth itself, not as a direct result of any thing humans are doing. Granted we should move to tidal power, solar power, wind power, geothermal, piezoelectric, and other new energies and remove these archaic and dirty fossil fuels. But making a city-wide mandate is pointless and shows a myopic outlook
hard to understand this one
I think Charlottesville should make a GHG reduction goal that grows a certain percentage each year. Incremental change.
If we don't wish to pay the social and economic costs associated with climate change, we should move as swiftly as possible. I would say goals of a massive change, especially with regard to corporate GHG in the next 5 years.
Let the free market work
Let's do it as quickly as possible we have the technology now.
Make steady progress
No need to waste money on this at all
rental properties and renters and multi-family properties and their owners in the City should be the focus of REDUCING A LARGE AMOUNT one the first 10 years because these are the MOST TRANSIENT, the MOST POLLUTING/WASTE generating communities, THE LEAST LIKELY to invest in infrastructures, systems, and practices to reduce GHG
Set 2 year goals with built in measurement.
Solve the current problems at hand before tackling the frivolous ones.
This is a waste of time and resources

## Online Questionnaire

This really is unnecessary.
Whatever makes the most sense. In theory, if you could implement projects like wide-scale composting in restaurants and public spaces, you would have a big GHG reduction impact, and it could snowball from there. There should be a long-term focus to make sure goals are being met in a practical way.
You can't do enough. LARGE AMOUNTS ALL THE TIME.
reduce a large amount over the next 10 to 15 years to initiate the energy devoted to the process similar to when recycling was introduced in the 80s and community members slowly developed a pattern and a habit of being conscious of recycling and then continue large amounts of reduction from there on out.
30 years is too long. We need a huge amount in the next 10 years (>80% or nearly total), and continued reduction after that (remaining <20%).
aim to keep reducing larger amounts

### 10) Is there anything else you would like to share with us?

(not sure if this is on the next page) but would be great to solicit ideas from the public on what specifically the City/County could do to meet their goal.
15 years is too late.
ABSOLUTELY NO STUDIES. ACTIONS ONLY. DO IT.
Also, please consider banning plastic bags in Albemarle County.
An awareness program should be implemented concerning Stratospheric Aerosol Spraying. 20% reduction now greatly effects Solar Energy production.
An urban tree revitalization program would add beauty as well as reduce CO2.
As a scientist, it is clear to me that the climatological, meteorological, geological, and hydrological, and biological data all suggest that broad, substantial action is needed as soon as possible. Besides working to reduce greenhouse gas emissions, it would be very wise to begin factoring and building resiliency into all present and future design and infrastructure considerations, to buffer our community against inevitable disruptions from extreme climate events. And inasmuch as history shows us that these kinds of events disproportionately impact poor and marginalized communities, these are matters not just of environment but of equity, as well. The good news is that there are communities well ahead of ours that have proven that it's possible to take these measures while also maintaining or even upgrading quality of life; we just need the political and collective courage and will to endeavor for something new.
Boulder, Colorado and many other cities in the US have blueprints for how to do this. We just need to embrace them and implement them here. There isn't any need to reinvent the wheel. Get non-motorized transportation implemented to get cars off roads, incentivize businesses, push the state for alternative energy credits. WE CAN DO THIS!
Charlottesville and Albemarle County will have little to no affect on this. China and India could care less. You will put our area and country at severe economic disadvantage. Don't waste time and money on this.

## Online Questionnaire

<p>Climate Change is an interplanetary issue -- NASA reports show that all of the planets in the solar system are heating up little by little from the inside, so as much as we think we are to blame -- we cannot prevent this shift since it is happening from within the Earth itself, not as a direct result of any thing humans are doing. Granted we should move to tidal power, solar power, wind power, geothermal, piezoelectric, and other new energies and remove these archaic and dirty fossil fuels. But making a city-wide mandate is pointless and shows a myopic outlook</p>
<p>Costs will be high but less than if we do nothing and the world warms too much.</p>
<p>Divest from high-carbon output industries.</p>
<p>Don't take nuclear off the energy mix table while we still have it generating low/no carbon electricity.</p>
<p>Eliminate single use plastic bags in city and county businesses like LA did</p>
<p>Green roofs!</p>
<p>Having been involved in climate change research since 1974, I am amazed how naive this interface to Charlottesville and Albemarle County citizens is! A fancy website is not going to guide the City and county into meaningful contributions toward GHG emissions reductions. I highly recommend that those involved in this effort actually read, very carefully, all of the reports of the IPCC as well as those issued by the U.S. Global Change Research Program. With respect to reduction of carbon dioxide and methane emissions, the U.S. State of the Carbon Cycle Reports are absolutely essential.</p>
<p>I am so glad that cville is undertaking this initiative. It is so important. Being a smaller community we are more agile than larger ones and can achieve larger reductions faster than bigger cities. We need to take advantage of that ability. I applaud the goals and process so far.</p>
<p>Sustainability is also a very important part of earth renewal. I and many of my friends and family make big efforts to reduce our footprint on the earth. One thing that the city, county and uva could agree to do jointly is the ban plastic bags. I live near meadow creek and see many plastic bags caught in the creek bed and banks...not to mention the rivanna river. Many us communities have taken this action and had big improvements in the trashing of their communities. I urge you to pass a ban on plastic bags here.</p>
<p>I answered only "Somewhat" important for whether the City, County, UVA align their goals with -- as I understand the question -- WITH EACH OTHER because we don't want a situation where one entity holds the others back, where there's a path-of-least-resistance goal. I answered the next question that ALL 3 entities should align goals with IPCC, and that should be enough.</p>
<p>I believe it is extremely important for the City to include interim goals (every 5 years or so) to mark our progress and determine if we are on pace for success.</p>
<p>I think this is the most important challenge we are facing today. Please help us do this for our children.</p>
<p>I would like to move away from natural gas use, have strict building codes for new construction, and recycling that works (no contamination).</p>
<p>Introduce Policy that benefit all communities. Always be mindful of equity.</p>
<p>It is utterly hypocritical that the City ships its waste outside City limits. And furthermore and even more hypocritical it ships it FAR AWAY requiring MANY MANY MANY trucks polluting with hydrocarbons. AND speaking of equity: WHAT could be MORE IN-EQUITABLE than dumping your SHITTY ROTTEN STANK POLLUTING WASTE into poor and working class RURAL communities! many to them poor and working class communities of color! HOW hypocritical - and POLLUTING - is that?!</p>
<p>Keep on pushing!</p>
<p>More frequent GHG inventory/reporting and report on milestones</p>
<p>Our end goal should be net-zero carbon by 2050, at the latest - the science on this is clear, given the likely impacts of further delay. There are several areas that I think a meaningful response to climate change needs to address - specifically, our natural gas utility, building efficiency, and urban mobility.</p>
<p>With respect to Charlottesville Gas, it's currently operating as a conventional fossil fuel utility, providing incentives for the use of its product, although electric alternatives are cleaner and will continue to get cleaner as the grid decarbonizes. We need to immediately stop incentivizing installation of new gas infrastructure, and commit to full decarbonization of the utility by mid-century. Utility commissions in</p>

## Online Questionnaire

California and Massachusetts have endorsed building electrification (installation of efficient electric space & water heating appliances in place of gas-fueled models) as the most effective and efficient means of getting carbon out of buildings. We should follow their lead, and consider incentives for electrification as well (and removing incentives for adoption/install of gas infrastructure).

Efficiency is one of the more cost-effective means of reducing a building's carbon emissions, and typically provides co-benefits in terms of improved indoor air quality and comfort. We should continue and expand our support of LEAP, for example providing free check-ups with the purchase of any residence in the city (homeowners are most likely to take on improvements early in their ownership of a home). I also recommend making building energy usage more transparent, such as requiring disclosure of energy usage data as part of sales in the city. Finally, for new construction or retrofits, I recommend improving the efficiency incentives, such as higher incentives for performance beyond the current efficiency baseline.

Finally, improving urban mobility is the most cost-effective carbon reduction action available - largely due to the associated benefits from improved health outcomes (air quality improvements, physical fitness associated with increased walking/biking, etc.). The city should commit to an overhaul of urban mobility - increasing housing density within the city limits, particularly close to employment/retail centers, improving transit options to the extent that density allows, and road diets to allow for safer & more frequent pedestrian/bicyclist trips.

Our time should be used better to address real issues like homelessness, housing affordability, and economic development in Charlottesville and the surrounding area.

please consider adding an opt-in REC purchase line item to monthly gas/water bill

Please consider partnering UVA with PVCC in all goals and adoptions. PVCC is a relatively small institution of higher education and would benefit by having the larger institution of UVA to partner with.

Please don't waste any time! This is critical!

Please identify creating a resilient local food system as one of the sub-goals.

Please incorporate insect-friendly practices into your goals. Stop mowing grass and plant meadows on city-owned land. This will help with carbon reduction, too.

Thank you for doing this work!

Thank you for working on this EXTREMELY urgent issue.

Thanks for the opportunity to voice my opinion, and good luck to everyone!

Thanks! Would like to see a consistent and similar plan between City, County, and UVA.

The City of Charlottesville is in a somewhat unique position in that it owns a fossil fuel distribution utility (Charlottesville Gas), but will hopefully adopt aggressive emissions goals to be met over the next 30 years. In order to meet IPCC recommendations, Charlottesville will be required to ELIMINATE CO2 and methane emissions associated with Charlottesville Gas...either through helping building owners convert fossil fuel end uses (especially space heating and water heating) to carbon free electricity...or (much less likely) convert 100% of natural gas supply to renewable and/or synthetic gas created from zero-carbon electricity.

Planning for this significant transition needs to start NOW.

The GHG reduction goal should also include a goal of carbon neutrality as well as commitments to producing GHG emissions reports every 2 years.

The goal must be 100% clean energy by 2030

The next 10 years is critically important so frontloading the actions is critically important

There are tons of strategies out there for local/regional mitigation of GHG - please consider Phys.org as a source for innovation.

Also, the City and County \*NEED\* to energetically work on adaptation and mitigation/recovery for disasters and knock-on effects such as refugees from VA Beach/other regions, droughts and food & water shortages, flooding in low-income and elderly areas, heat-wave impacts on health of elderly and

## Online Questionnaire

children, etc. etc. It's not just about solar power 10 years from now - our region has many high risks in the *NEAR* term that are not being seriously considered.
Think big! Maximize regional transportation coordination. Reduce barriers to density and mixed use in city/county ordinance. More on campus student housing.
This is a major priority of our time and must be addressed by our local leadership from every section and most importantly UVA as a major employer and academic leader in our region.
This is so important for future generations. We need to support and finds ways for all of us to be involved in aggressively reducing the impact of GHGs. Thanks for setting up this website.
unsure about what you are asking in your equity question
uva coal plant needs to go
We have got to do better with recycling and composting initiatives across the city. And improving walkability and bikeability along with improved public transit is key to reducing Charlottesville's GHGs.
We have to act now, this is an emergency
We have to act now, this is an emergency
We must to everything in our power to dramatically reduce our community's impact on the global climate. It's clear that we can't wait on the Federal Government or other institutions before we act.
We need interim GHG inventories every 2 years to track our progress
We should listen to experts/scientists, and we should do everything we can locally to slow climate change.
Would love see single use plastics, styrofoam banned. Costs for using plastic bags. Cost for sending things to landfill vs composting. Incentives make good choiced

March 17, 2019

Dear City Councilors and County Supervisors:

Thank you for taking up the important task of setting new community climate goals for the City of Charlottesville and Albemarle County, and for recognizing the need to develop comprehensive Climate Action Plans to ensure we reach those goals.

As the leaders of 41 local for-profit and non-profit businesses representing 2,974 employees, we share a common goal to protect the health and vitality of our community. The current climate action planning process presents the perfect opportunity to advance this common goal and establish the Charlottesville-Albemarle area as a leader in this 21st century challenge.

Ultimately, all community sectors must engage and partner on climate action if we are to be successful. Setting an ambitious greenhouse gas emission (GHG) reduction goal would be a catalyst for the level of community partnership needed, and as businesses, we know that we have an important role to play in reducing emissions.

The Charlottesville area business sector is concerned about climate leadership for a number of important reasons:

- We are all in this together. The health and well-being of the greater Charlottesville area is of the utmost importance, and we want to be proud of the community we call home and make sure it is leading the way on a central issue of our time.
- Climate leadership is vital to innovation and job creation. Innovation is fueling our local economy, and we must be on the leading edge of key issues to attract and retain entrepreneurs and the high-growth job creation engines that they build.
- Clean energy and energy efficiency are stimulating an energy revolution driven by economics. These technologies reduce cost, mitigate cost variability risk, and increase energy independence. The strategies of climate leadership strengthen our businesses.
- Our employees and customers care. There is a competitive advantage to be gained by embracing climate leadership.

We urge the City of Charlottesville and Albemarle County to do the following:

1. **Establish a best-in-class climate goal of: (a) reducing our year 2010 baseline greenhouse gas emissions 45% by the year 2030; and (b) achieving carbon neutrality by 2050.** This goal is aligned with the overarching goal in the International Panel on Climate Change's (IPCC) 2018 report of limiting global warming to 1.5 degrees Celsius. It is what the world's preeminent climate scientists tell us is needed to avoid the most harmful consequences of climate change. Some key factors weighing in support of this goal include:
  - a. The City and County's current emissions reduction goals lag conspicuously behind our peer communities in the region and throughout the Commonwealth.

By selecting a goal in line with the IPCC's 2018 report, the City and County will embrace the mantle of leadership.

- b. There has already been a 21% reduction in the City's climate emissions since 2011 — nearly halfway to the 45% reduction goal — through reductions in energy use and a lowering of the carbon intensity of electricity in our region.

**2. Commit to conducting a greenhouse gas inventory every two years.** Regular inventories are absolutely critical. Looking back, the City conducted inventories of 2000, 2011, and most recently, 2016. The County's last inventory was of 2008 emissions. With eleven years to reach a 45% reduction goal, frequent and regular measurement is necessary to:

- a. Ensure we are pursuing effective, state-of-the art strategies;
- b. Keep the community, individual sectors, and City and County leadership apprised of our progress; and
- c. Maintain the community's focus.

**3. Strongly consider the pro-clean energy and energy efficiency policies outlined below.** As a commercial sector, we are already making strides in implementing energy efficiency and clean energy, and we want the business community to accelerate this progress, including extending the benefit of these technologies to low- and moderate-income businesses. Government has a role to play by implementing smart, cost-effective policies which enable businesses to implement more clean energy and energy efficiency sooner — thereby permanently reducing costs, improving air quality, and reducing GHG emissions. To this end, we encourage you to implement the following policy recommendations:

- **Jointly authorize and implement Commercial Property Assessed Clean Energy (C-PACE) in both the City and the County.** C-PACE is a financial tool which has been shown to accelerate the implementation of clean energy and energy efficiency in the commercial sector, including non-profit organizations and multifamily dwellings. C-PACE enables the long-term repayment of loans through a property assessment which is tied to the property, not the business. The financing comes from private capital providers rather than the government. C-PACE is broadly applicable, as both new construction and existing buildings qualify. The majority of projects are cash-flow positive from "day one" because the energy savings from the upgrades cover the cost of the loan payments. Furthermore, it removes investment timing risk for property owners. Property owners can implement clean energy and energy efficiency, recoup benefits while they own the property, and transfers the loan to the new property owner if they sell the property before the loan is repaid. For the City and County, C-PACE would make clean energy and energy efficiency economically viable for a larger and broader segment of property owners. The Virginia Energy Efficiency Council estimates 927 and 607 properties qualify for C-PACE in the City and County, respectively.

C-PACE has been enabled by the Virginia General Assembly, and the program is currently available in Arlington and Fredericksburg. To be available locally, the City Council and the Board of Supervisors need to separately or jointly authorize it. Subsequently, City and County staff would need to separately or jointly design a program and contract with an administrator.

Recommendation: We request the City Council and the Board of Supervisors pass a joint resolution by the summer of 2019 authorizing C-PACE locally and direct City and County staff to “fast track” the implementation of a joint program.

- **Expand the Clean Energy Loan Fund (CELf) in the City and expand it to the County.** The Clean Energy Loan Fund is an existing program in the City of Charlottesville. Since being converted to an interest rate buy-down program, CELF was rapidly deployed, facilitating over \$1.6 million in private investment in clean energy and energy efficiency within the City, including over 650 kW in solar capacity across seven projects. For every \$1 invested by the City, private industry invested \$5 in response. With the assistance of CELF, implementing energy efficiency and solar becomes feasible for low- and moderate-income businesses because the energy savings cover loan repayment. The carbon emissions impact has been significant as well; the solar enabled by CELF to date has reduced CO2 emissions by an amount equivalent to burning of 708,543 pounds of coal each year. The program has been an unmitigated success. Based upon the performance of the City’s CELF to date, we believe an expanded and joint City-County CELF has the potential to facilitate the deployment of 5.5 MW of solar in the City and County over the next five years.

Recommendation: We request that the City expand the fund to deploy up to \$300,000 a year for five years with the goal of installing over 2.75 MW of solar in the City. Similarly, we request that the County implement CELF and deploy up to \$300,000 a year for five years with the goal of installing over 2.75 MW of solar in the County. Ideally, the programs would have a single “front door” for both City and County businesses to access.

Thank you again for recognizing the need to address this important issue. In summary, we encourage you to establish an aggressive community goal, require measurement every two years, and implement the policies outlined above to empower businesses to accelerate and expand clean energy and energy efficiency improvements. We are excited to work with City and County leaders to move our whole community forward.

Should you have questions please contact, Susan Kruse at the Charlottesville Climate Collaborative, 434-284-0870, or [susan@cvilleclimate.org](mailto:susan@cvilleclimate.org).

Sincerely,

*Members of the Charlottesville City and Albemarle County Business Community*

(See attached list of 41 for-profit and non-profit businesses)

CC: Mike Murphy, City Manager, City of Charlottesville  
Jeff Richardson, County Executive, County of Albemarle



LEGAL AID  
JUSTICE CENTER



March 17th, 2019

Dear City Councilors and County Supervisors:

As educators and leaders of independent schools in the Charlottesville/Albemarle area a unique perspective on the issue of a climate change.

Everyday we witness young people turning concern into action on this issue. They have an important role to play in climate solutions for our community and are a strong force for change. We are working collectively to promote a more environmentally sustainable “now” and “future” for our students, staff, and the larger community.

So thank you for taking up the important task of setting new community climate goals for the City of Charlottesville and Albemarle County, and for recognizing the need to develop comprehensive Climate Action Plans to ensure we reach those goals!

The current climate action planning process presents the perfect opportunity to work with all members of our community to advance our common goals and establish the Charlottesville-Albemarle area as a leader in this 21st century challenge. We welcome the opportunity to marshal the energy, creativity, and passion of our community’s young people.

Setting an ambitious greenhouse gas emission (GHG) reduction goal will be a catalyst for the level of community partnership needed. As schools, we value climate leadership for a number of important reasons:

- **Our students and their families care and want government to lead on this issue.** Studies consistently report that a majority of Americans want to prioritize climate solutions, and according to the [2018 Yale Climate Opinion map](#), the majority of Charlottesville and Albemarle County residents feel that the government, corporations, and citizens should do more to address climate impacts.
- **We are all in this together.** The health and well-being of Charlottesville-area young people and their families is of the utmost importance! We want to be proud of the community we call home and make sure it is leading the way on this issue.
- **Climate leadership is vital to our community’s health.** A recent NRDC report on the health impacts of climate change in Virginia reports that our community will face increased rates of asthma and heat-related illnesses, as well as water and food contamination. and the elderly are members of our community who feel the effects to an even greater extent.
- **Clean energy and energy efficiency are stimulating an energy revolution** Advancements in green technologies enable schools to reduce cost, mitigate cost variability risk, and increase energy independence.

Therefore, we urge the City of Charlottesville and Albemarle County to do the following:

1. **Establish a best-in-class climate goal of: (a) reducing our year 2010 baseline greenhouse gas emissions 45% by the year 2030; and (b) achieving carbon neutrality by 2050.**

This goal is aligned with the overarching goal in the International Panel on Climate Change's (IPCC) 2018 report of limiting global warming to 1.5 degrees Celsius. It is what the world's preeminent climate scientists tell us is needed to avoid the most harmful consequences of climate change. The City and County's current emissions reduction goals lag conspicuously behind our peer communities in the region and throughout the Commonwealth. By selecting a goal in line with the IPCC's 2018 report, the City and County will embrace the mantle of leadership.

2. **Commit to conducting a greenhouse gas inventory every two years.**

Regular inventories are absolutely critical. Looking back, the City conducted inventories of 2000, 2011, and most recently, 2016. The County's last inventory was of 2008 emissions. We only have eleven years to reach a 45% reduction, so we must work diligently. Frequent and regular measurement of our progress is necessary to ensure we are pursuing effective strategies and keeping climate action a focus of our community.

Thank you again for recognizing the need to address this important issue. In summary, we encourage you to establish a bold, leadership-level community goal and require measurement every two years for the health and vitality of Charlottesville and Albemarle County and for our children's future. We look forward to working with City and County leaders to move our entire community forward.

Should you have questions please contact Susan Kruse at the Charlottesville Climate Collaborative, 434-284-0870, or [susan@cvilleclimate.org](mailto:susan@cvilleclimate.org).

Sincerely,

*Members of Charlottesville and Albemarle County Independent Schools*

(See attached list of 7 independent schools)

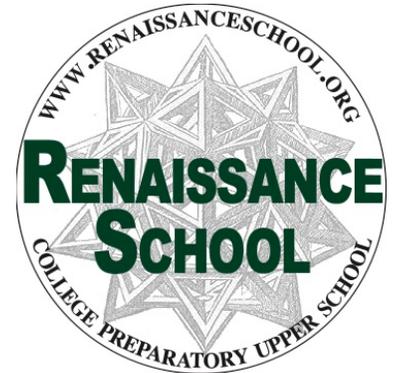
CC: Mike Murphy, City Manager, City of Charlottesville  
Jeff Richardson, County Executive, County of Albemarle



The **International School**  
of **Charlottesville**



**PEABODY SCHOOL**



**TANDEM FRIENDS**



**Village School**  
Middle School for Girls



**charlottesville**  
**WALDORF SCHOOL**

March 17, 2019

Dear City Councilors and County Supervisors,

As citizens of the Charlottesville area, we share a common goal to protect the health and vitality of our community against effects of climate change impacting our built, social, and natural systems. The future of our community, of our children, and of our legacy is dependent on commitments to reducing our greenhouse gas (GHG) emissions.

So, we thank you for taking up the important task of setting new community climate goals for the City of Charlottesville and Albemarle County, and for recognizing the need to develop comprehensive Climate Action Plans to ensure we reach those goals!

As community members, we recognize that we have an important role to play in reducing emissions for the health and safety of our families, friends, and future. But we cannot do it alone. Setting an ambitious GHG reduction goal would serve to catalyze and activate all members of the community around this common purpose.

As citizens, we are concerned about climate leadership for a number of important reasons:

- 1. We believe our local government should make commitments that reflect our values.**  
The issue of climate change concerns many families, students, and individuals who wish to see Charlottesville support and promote a more sustainable way of living. According to the 2018 Yale Climate Opinion map, the majority of Charlottesville and Albemarle County residents feel that more should be done to address climate impacts.
- 2. Climate leadership is vital for ensuring that our community remains a desirable place to live, work and play.**  
The City and County's current emissions reduction goals lag conspicuously behind our peer communities in the region and across the Commonwealth. As a community of forward thinkers and problem-solvers, Charlottesville has a reputation of innovation and progress to uphold.
- 3. The health and safety of our community is at risk.**  
Extreme weather events, like flash flooding or intense heat, are becoming increasingly more frequent and severe. According to the Natural Resources Defense Council (2018), the greater Charlottesville area is experiencing an average of 9-14 days of extreme heat per summer. While climate change impacts all of us, low-income families, children, and the elderly are members of our community that feel the effects to an even greater extent.
- 4. We are all in this together.**  
As various sectors of the community come together to address this problem, we as citizens also aim to be part of the solution. Together, we have already reduced emissions by 21% since 2011 and with a leadership level goal driving our climate action plan, we can make even greater strides.

We urge the City of Charlottesville and Albemarle County to do the following:

- 1. Establish a best-in-class climate goal of: (a) reducing our year 2010 baseline greenhouse gas emissions 45% by the year 2030; and (b) achieving carbon neutrality by 2050.**

This goal is aligned with the overarching goal in the International Panel on Climate Change's (IPCC) 2018 report of limiting global warming to 1.5 degrees Celsius. It is what the world's preeminent climate scientists tell us is needed to avoid the most harmful consequences of climate change.

- 2. Commit to conducting a greenhouse gas inventory every two years.**

Regular inventories are absolutely critical. Looking back, the City conducted inventories of 2000, 2011, and most recently, 2016. The County's last inventory was of 2008 emissions. We only have eleven years to reach a 45% reduction, so we must be diligent. Frequent and regular measurement of our progress is necessary to ensure we are pursuing effective strategies and keeping climate action a focus of our community.

Thank you, again, for recognizing the need to address this important issue. We believe that together we can ensure the health and vitality of our residents, protect our natural resources, and strengthen the resilience of this dynamic community we call home.

Sincerely,

*Charlottesville City and Albemarle County Residents*

(See attached list of 827 signatories – 422 City of Charlottesville, 405 Albemarle County)

CC: Mike Murphy, City Manager, City of Charlottesville  
Jeff Richardson, County Executive, County of Albemarle

Susan Kruse	City of Charlottesville	22901
Claire Habel	City of Charlottesville	22903
Luke Holloran	City of Charlottesville	22903
Michael Kruse	City of Charlottesville	22901
Joseph Rinkevich	City of Charlottesville	22901
Liz Powers	City of Charlottesville	22902
Sofya Olenicheva	City of Charlottesville	22904
Sarah Bryan	City of Charlottesville	22903
Robert Paxton	City of Charlottesville	22902
Tina Rees	City of Charlottesville	22902
Jacqueline Crocker	City of Charlottesville	22902
Andrea Larson	City of Charlottesville	22902
Morgan Butler	City of Charlottesville	22901
Ellen Markowitz	City of Charlottesville	22903
Jennifer Pullinger	City of Charlottesville	24590
Eric Magrum	City of Charlottesville	22902
Jonathan Blank	City of Charlottesville	22903
Steve Bolton	City of Charlottesville	22902
Teri Lamb	City of Charlottesville	22902
Dorothy Batten	City of Charlottesville	22903
Katherine McNamara	City of Charlottesville	22901
Deborah Lawrence	City of Charlottesville	22902
Kristin Taverna	City of Charlottesville	22903
Chris Meyer	City of Charlottesville	22903
Leena Cho	City of Charlottesville	22903
Chris Gratien	City of Charlottesville	22902
Willis Jenkins	City of Charlottesville	22902
Denise Stewart	City of Charlottesville	22902
Bridget Hamre	City of Charlottesville	22902
Elizabeth Reynolds	City of Charlottesville	22903
Amanda Nelsen	City of Charlottesville	22903
Barbara Heritage	City of Charlottesville	22901
Emily Morrison	City of Charlottesville	22901
Kirby Moore	City of Charlottesville	22902
Ellen Bassett	City of Charlottesville	22901
David Langner	City of Charlottesville	22903
Megan Greenwood	City of Charlottesville	22903
Katie Shevlin	City of Charlottesville	22903
Stephen Sellers	City of Charlottesville	22903
Allison Pugh	City of Charlottesville	22903
Holly Hatcher	City of Charlottesville	22902
Clement Tingley	City of Charlottesville	22902
Kate Bennis	City of Charlottesville	22902
Claire Griffin	City of Charlottesville	22903
Tim House	City of Charlottesville	22902

Mieke Zylstra	City of Charlottesville	22902
Julia Monteith	City of Charlottesville	22902
Bradford Slocum	City of Charlottesville	22903
Megan McGroddy	City of Charlottesville	22903
Anne Rucker	City of Charlottesville	22902
Tom Cormons	City of Charlottesville	22903
Stephanie Roe	City of Charlottesville	22903
Diane Cluck	City of Charlottesville	22903
Sarah Norris	City of Charlottesville	22901
Aven Kinley	City of Charlottesville	22901
Claudine McElwain	City of Charlottesville	22901
Casey Williams	City of Charlottesville	22901
Colin McElwain	City of Charlottesville	22901
MJ Smith	City of Charlottesville	22903
Brooke Braun	City of Charlottesville	22901
Barbara Maille	City of Charlottesville	22903
Mary Roberts	City of Charlottesville	22901
Philippe Sommer	City of Charlottesville	22903
Bev Wann	City of Charlottesville	22902
Kara West	City of Charlottesville	22901
Matt Mongan	City of Charlottesville	22903
Joyce Cheng	City of Charlottesville	22903
Susannah Wood	City of Charlottesville	22901
Derek Brown	City of Charlottesville	22903
Marcia Geyer	City of Charlottesville	22901
Rich Allevi	City of Charlottesville	22902
Miller Susen	City of Charlottesville	22903
Marisa Vrooman	City of Charlottesville	22903
Neal Halvorson-Taylor	City of Charlottesville	22903
Kate Boyle	City of Charlottesville	22901
Charity Pennock	City of Charlottesville	22901
Derek Sieg	City of Charlottesville	22902
Kristin Clarens	City of Charlottesville	22902
Ariana Williams	City of Charlottesville	22902
Rachael McGowen	City of Charlottesville	22902
Susan Blank	City of Charlottesville	22903
Mark Goodwin	City of Charlottesville	22901
Michael Prichard	City of Charlottesville	22902
Emily Westlake	City of Charlottesville	22903
Caleb Hersch	City of Charlottesville	22902
Jason Halbert	City of Charlottesville	22903
John Ashley	City of Charlottesville	22902
Catherine Strumlauf	City of Charlottesville	22902
Helene Austin	City of Charlottesville	22902
Meagan Denman	City of Charlottesville	22902
Mladen Nestic	City of Charlottesville	22903
Elisabeth Jacobs	City of Charlottesville	22901
Ann Watts	City of Charlottesville	22902
Jade Scheele	City of Charlottesville	22903
Jim Trousdale	City of Charlottesville	22903
Nikhil Kondabala	City of Charlottesville	22902
Kyle West	City of Charlottesville	22902

Dylan Fraser	City of Charlottesville	22901
Ashley Addington	City of Charlottesville	22903
Sara Stovall	City of Charlottesville	22903
Matthew Hantzmon	City of Charlottesville	22903
James Barton	City of Charlottesville	22902
Katherine Valdelievre	City of Charlottesville	22911
Brian Kelly	City of Charlottesville	22903
Brad Smith	City of Charlottesville	22901
Victoria alexander	City of Charlottesville	22902
Blakeley Greenhalgh	City of Charlottesville	22902
Paul Miller	City of Charlottesville	22902
Robert Winstead	City of Charlottesville	22903
Wendy Brown	City of Charlottesville	22903
Brett Andersen	City of Charlottesville	22902
Russell Edwards	City of Charlottesville	22903
Sarah Bedford	City of Charlottesville	22903
Jennifer Phillips	City of Charlottesville	22901
John Stone	City of Charlottesville	22902
Stephanie Faires	City of Charlottesville	22901
Phillip McKalips	City of Charlottesville	22901
Dylan Ikkala	City of Charlottesville	22903
Deepesh Rana	City of Charlottesville	22902
Greyson Williams	City of Charlottesville	22902
Ariel Billmeier	City of Charlottesville	22903
Laurie Miller	City of Charlottesville	22902
Kirk Henderson	City of Charlottesville	22902
Martha Williamson	City of Charlottesville	22902
kathryn kieffer	City of Charlottesville	22902
Linda Whitley	City of Charlottesville	22911
Kevin Chandler	City of Charlottesville	22903
Delu Stricker	City of Charlottesville	22903
Dana Mich	City of Charlottesville	
David Stackhouse	City of Charlottesville	22903
Kathryn Dunn	City of Charlottesville	22902
Matt Chan	City of Charlottesville	22902
Roxanne White	City of Charlottesville	22902
Michele Mattioli	City of Charlottesville	22903
Susan Kemp	City of Charlottesville	22902
David Clemens	City of Charlottesville	22902
Orlanden Baker	City of Charlottesville	22903
Angela Orebaugh	City of Charlottesville	22903
Jennifer Pease	City of Charlottesville	22901
Andrew Robinson	City of Charlottesville	22903
Kelly Jones	City of Charlottesville	22903
Christiana Booher	City of Charlottesville	22003
Emma Clark	City of Charlottesville	23836
Ryley Brown	City of Charlottesville	22902
Claire McKinley	City of Charlottesville	22902
Jillian Regan	City of Charlottesville	22903
Michael Bateman	City of Charlottesville	22903
Sandhya Shukla	City of Charlottesville	22902
Lindsey Fogle	City of Charlottesville	22902

Nicola Datta	City of Charlottesville	22902
Marit Melszen	City of Charlottesville	22903
Christina Dean	City of Charlottesville	22902
Donna Shaunese	City of Charlottesville	22903
Nate McFarland	City of Charlottesville	22902
Hank Seltzer	City of Charlottesville	22902
Lee French	City of Charlottesville	22902
Gwendolyn Hall	City of Charlottesville	22902
Alex Secora	City of Charlottesville	22903
Angelique Demetillo	City of Charlottesville	22901
Andrew Neils	City of Charlottesville	22903
Linda Winecoff	City of Charlottesville	22901
Christopher Luna	City of Charlottesville	22903
M. Madeleine Ray	City of Charlottesville	22903
Robyn Kells	City of Charlottesville	22903
Carroll Courtenay	City of Charlottesville	22902
Elizabeth Ike	City of Charlottesville	22902
Hannah Coman	City of Charlottesville	22903
Brynn Cook	City of Charlottesville	22620
Calvin Brondyke	City of Charlottesville	22902
Kate LeBoeuf	City of Charlottesville	22902
Deborah Murray	City of Charlottesville	22902
Monica Prichard	City of Charlottesville	22902
Emily Wyche	City of Charlottesville	22902
Abigail Wiebe	City of Charlottesville	22903
Aldona Dye	City of Charlottesville	22902
Cindy Cartwright	City of Charlottesville	22902
Anna Beatrice	City of Charlottesville	22903
Sally Christopher	City of Charlottesville	22902
Katie Storer	City of Charlottesville	22901
Claire Kettering	City of Charlottesville	22903
Lindsey Knotts	City of Charlottesville	22903
Allison Love	City of Charlottesville	22902
Evelyn Courtenay	City of Charlottesville	22903
Olivia Rivard	City of Charlottesville	22903
Mark Evans	City of Charlottesville	22901
Cassie Pegram	City of Charlottesville	22903
Joanne McNergney	City of Charlottesville	22902
Angela Ciolfi	City of Charlottesville	22903
Jeffrey Stricker	City of Charlottesville	22902
Mary Bauer	City of Charlottesville	22902
Heather Commons	City of Charlottesville	22903
Erin Trodden	City of Charlottesville	22902
Cathryn McCue	City of Charlottesville	22903
Jeffrey Aten	City of Charlottesville	22901
Tim Wallace	City of Charlottesville	22901
deKoven Pelton	City of Charlottesville	22901
Karlis Povisils	City of Charlottesville	22902
Diane Cluck	City of Charlottesville	22903
Liz Riley	City of Charlottesville	
Zack Blatter	City of Charlottesville	22902
Andrew Sneathern	City of Charlottesville	22903

Roberta Williamson	City of Charlottesville	22901
Terry Lilley	City of Charlottesville	22902
Elizabeth Woodard	City of Charlottesville	22903
Dave Norris	City of Charlottesville	22902
Jane Spittler	City of Charlottesville	22903
Carrie Ryan	City of Charlottesville	22903
Jennifer Home	City of Charlottesville	22902
Rachel Smith	City of Charlottesville	22901
Polly Breckenridge	City of Charlottesville	22902
Claire Thompson	City of Charlottesville	22903
Ben Campbell	City of Charlottesville	22901
Thomas Steffes	City of Charlottesville	22902
Abby Guskind	City of Charlottesville	22902
Marsha Burger	City of Charlottesville	22902
Vivi Rogers	City of Charlottesville	22901
Amanda Burbage	City of Charlottesville	22901
Sean Farber	City of Charlottesville	22902
Ellen Balfrey	City of Charlottesville	22901
Martha Keith	City of Charlottesville	22902
Drew Hurst	City of Charlottesville	22901
Elaine Poon	City of Charlottesville	22902
Talia Marshall	City of Charlottesville	22903
Leah Marshall	City of Charlottesville	22903
Elizabeth Isley	City of Charlottesville	22903
Patrick Belisle	City of Charlottesville	22902
Arielle O'Shea	City of Charlottesville	22902
Anne Hooff	City of Charlottesville	22903
Frances Camp	City of Charlottesville	22902
Kristen Davis Singh	City of Charlottesville	22902
Kate Duvall	City of Charlottesville	22901
Kay Fracher	City of Charlottesville	22902
Kiersten Teitelbaum	City of Charlottesville	22903
Peggy Comett	City of Charlottesville	22902
Patricia Sullivan	City of Charlottesville	22903
Dan Boyle	City of Charlottesville	22901
Andrea Trimble	City of Charlottesville	22901
Clarence Green	City of Charlottesville	
Samhita Sunya	City of Charlottesville	22902
Samdup Pittard	City of Charlottesville	22901
Broocks Meade	City of Charlottesville	22902
Shawnee West	City of Charlottesville	22902
Jill Lerner	City of Charlottesville	22902
Sean Tubbs	City of Charlottesville	22903
Aileen Bartels	City of Charlottesville	22902
Virginia Chambers	City of Charlottesville	22903
Natalie LaRoe	City of Charlottesville	22903
Alexandria Searls	City of Charlottesville	22902
Joy Johnson	City of Charlottesville	22903
Louisa Bradford	City of Charlottesville	22902
Elizabeth McQuade	City of Charlottesville	22903
Ashley Morse	City of Charlottesville	22902
Joan Chapman	City of Charlottesville	22901

Alee Halsey	City of Charlottesville	22903
Jessie Muniz	City of Charlottesville	22911
R. Lee Stauter	City of Charlottesville	22902
Kevin Davis	City of Charlottesville	22903
Helen Humphreys	City of Charlottesville	22902
Chris Heins	City of Charlottesville	22903
Yong Un Ahn	City of Charlottesville	22902
Scott Weiss	City of Charlottesville	22902
Anne Runkle	City of Charlottesville	22902
Laura Goldblatt	City of Charlottesville	22902
Lewis Armistead	City of Charlottesville	22902
Joshua René	City of Charlottesville	22903
Brett Hicks	City of Charlottesville	22902
Jason Surma	City of Charlottesville	22902
Josh Morrison	City of Charlottesville	22903
Paula Fallon	City of Charlottesville	22903
Linda Goldstein	City of Charlottesville	22903
Melissa Peterson	City of Charlottesville	22902
Virginia Organizing	City of Charlottesville	22903
Virginia Rose Kane	City of Charlottesville	22902
Sheryle Yount	City of Charlottesville	22902
John McLaren	City of Charlottesville	22902
Horea Popa	City of Charlottesville	22903
Jake Gold	City of Charlottesville	22903
Walter Heinecke	City of Charlottesville	22903
Trevor Francis	City of Charlottesville	22902
Laurie Pallini	City of Charlottesville	22903
Elizabeth Broyles	City of Charlottesville	22903
Kevin Burke	City of Charlottesville	22902
Matthew Gillikin	City of Charlottesville	22903
John Semmelhack	City of Charlottesville	22902
Frank Hardy	City of Charlottesville	22902
Tray Biasioli	City of Charlottesville	22903
Anthony Stephan	City of Charlottesville	22902
Katie Reynolds	City of Charlottesville	22901
Ben Yazman	City of Charlottesville	22902
Samantha Brook	City of Charlottesville	22903
Beth Johnson	City of Charlottesville	22903
Kristin Davis	City of Charlottesville	22901
Rebecca Stoner	City of Charlottesville	22901
Anna Towns	City of Charlottesville	22902
Kate Heins	City of Charlottesville	22903
Emily Irvine	City of Charlottesville	22902
Sara Belkowitz	City of Charlottesville	
Linnea White	City of Charlottesville	22902
Erlin Yanira Garcia	City of Charlottesville	22968
Michael Rodi	City of Charlottesville	22902
Andrew Renshaw	City of Charlottesville	22903
Judith Renshaw	City of Charlottesville	22903
Michael Joy	City of Charlottesville	22903
Jane Fisher	City of Charlottesville	22902
Hal Movius	City of Charlottesville	22902

Honor Dorsey	City of Charlottesville	22902
Brian Williams	City of Charlottesville	22903
Daniel Stromberg	City of Charlottesville	22903
Jennifer Silber	City of Charlottesville	22903
Samantha Genz	City of Charlottesville	22903
Riley Crowell	City of Charlottesville	22902
Shannon Worrell	City of Charlottesville	22903
Sally Hudson	City of Charlottesville	22902
Marilyn Roselius	City of Charlottesville	22902
Alexandra Cook	City of Charlottesville	22903
Mason Hakes	City of Charlottesville	22903
Susan Greer Harris	City of Charlottesville	22903
Blair St Ledger-Olson	City of Charlottesville	22903
Ruth Turner	City of Charlottesville	22903
Kendall Bills	City of Charlottesville	22903
Nina Knight	City of Charlottesville	
Charlotte Drummond	City of Charlottesville	22903
Sara Shullaw	City of Charlottesville	22902
Karen Riddle	City of Charlottesville	22902
Kevin Riddle	City of Charlottesville	22902
Justin Gandy	City of Charlottesville	22903
Elizabeth Stark	City of Charlottesville	22902
Victoria Whelan	City of Charlottesville	
Bethany Bandera	City of Charlottesville	22902
Michelle Kisiuk	City of Charlottesville	22902
Rebecca Haydock	City of Charlottesville	22902
Meridith Frazee	City of Charlottesville	22902
Cale Jaffe	City of Charlottesville	22903
Gentry Hall	City of Charlottesville	22902
Solomon Goluboff-Schragger	City of Charlottesville	22903
Salena Levi	City of Charlottesville	22901
Bernard Beitman	City of Charlottesville	22901
Samantha Lane	City of Charlottesville	22901
Lori Derr	City of Charlottesville	22902
Jay Glick	City of Charlottesville	22903
Wendy Philleo	City of Charlottesville	22902
Greg Buppert	City of Charlottesville	22901
Elsa Spencer	City of Charlottesville	22902
Jodie Plaisance	City of Charlottesville	22902
Jennifer Scott	City of Charlottesville	22902
Will Cleveland	City of Charlottesville	22902
Peter Anderson	City of Charlottesville	22903
Jan Glennie-Smith	City of Charlottesville	22902
Karen Boyle	City of Charlottesville	22901
Todd Barnett	City of Charlottesville	22903
Frank Rambo	City of Charlottesville	22903
Gordon Tully	City of Charlottesville	22903
Peter Krebs	City of Charlottesville	22902
Sabrina Lingenfelter	City of Charlottesville	22904
Katie Keller	City of Charlottesville	22903
Lewis Summers	City of Charlottesville	22903
Olivia Bowers	City of Charlottesville	22902

Navarre Bartz	City of Charlottesville	22902
Mika Hilliard	City of Charlottesville	22902
Andrew Young	City of Charlottesville	22903
Matthew Toper	City of Charlottesville	22903
Fazlah Rahaman	City of Charlottesville	22904
Landon Holben	City of Charlottesville	22903
Kim Biasioli	City of Charlottesville	
Ashley Addington	City of Charlottesville	22903
Ian Iverson	City of Charlottesville	22903
George Minor	City of Charlottesville	22902
Pat Lloyd	City of Charlottesville	
Kate Fraleigh	City of Charlottesville	22901
Tracey Hopper	City of Charlottesville	22902
Ellen Tully	City of Charlottesville	22903
Jim Respass	City of Charlottesville	22901
Richard Mccrone	City of Charlottesville	22903
Olivia Patton	City of Charlottesville	22902
Thomas Goad	City of Charlottesville	22901
Anne Powell	City of Charlottesville	22903
S�verine Fr�my	City of Charlottesville	22902
Salvatore Moschella	City of Charlottesville	22902
Annelise Brand	City of Charlottesville	22902
Daniel Mietchen	City of Charlottesville	22902
Subagh Winkelstern	City of Charlottesville	22902
Kristin Morgan	City of Charlottesville	22902
Jeanne Maushammer	City of Charlottesville	22902
Daniel Sunshine	City of Charlottesville	22903
Doreen Bonnet	City of Charlottesville	22902
Kristen Davis Singh	City of Charlottesville	22902
Madi Glaser	City of Charlottesville	22902
Tamar Glaser	City of Charlottesville	22902
Jennifer Taylor	City of Charlottesville	22902
Emily Lockwood	City of Charlottesville	
Ethan Wilmer	City of Charlottesville	22901
Nina Mellin	City of Charlottesville	22903
Stuart Squire	City of Charlottesville	22902
Richard Kennon Williams	City of Charlottesville	22901
Susan Christmas	City of Charlottesville	22901
Diane Cluck	City of Charlottesville	22903
Antje Waxman	City of Charlottesville	22911
Pam Hill	City of Charlottesville	22901
Gale Courtney	City of Charlottesville	22902
Sabr Lyon	City of Charlottesville	22903
Sena Magill	City of Charlottesville	22903
Emily Welch	City of Charlottesville	
Trevor Marchhart	City of Charlottesville	22904
Amy Woolard	City of Charlottesville	22902
Herb Porter	City of Charlottesville	22902
Connie Rosenbaum	City of Charlottesville	22903
Tracy Nelson	City of Charlottesville	22902
Nina Jackson	City of Charlottesville	22902
Dorisse Aha	City of Charlottesville	22902

Colette Brown	City of Charlottesville	22902
Kitt Mattingly	City of Charlottesville	22992
Eliza Fisher	City of Charlottesville	22903
Jesse Fiske	City of Charlottesville	22902
James Clark	City of Charlottesville	22903
Abigail Haggerty	City of Charlottesville	22902
Felice Boling-Key	City of Charlottesville	22903
Gabriela Pachano	City of Charlottesville	22903
Abby Tinsley	City of Charlottesville	22911
Jen Dominic	City of Charlottesville	22901
Lily West	City of Charlottesville	22903
John Bonham	City of Charlottesville	22903
Mara Sprafkin	City of Charlottesville	22903

Teri Kent	County of Albemarle	22901
John Dozier	County of Albemarle	22959
Karl Quist	County of Albemarle	22901
Kenny Chermaskas	County of Albemarle	22903
Courtney Paxton	County of Albemarle	22902
Molly Kelliher	County of Albemarle	22911
Barbara Peters	County of Albemarle	22903
Kellie Hocking	County of Albemarle	22901
Maggie Murphy	County of Albemarle	22901
Judith Curry	County of Albemarle	22901
Devin Welch	County of Albemarle	22902
Grey McLean	County of Albemarle	22940
Erika Kerrigan	County of Albemarle	22901
Polly A Davis Doig	County of Albemarle	22903
Mary Celella	County of Albemarle	22920
Jen Koym	County of Albemarle	22911
Marla Palermo	County of Albemarle	22902
Brian Richter	County of Albemarle	22932
Dorothy Batten	County of Albemarle	22901
John Murphy	County of Albemarle	22901
Rita Reynolds	County of Albemarle	22920
Sue Crane	County of Albemarle	22936
Mary Jo Doig	County of Albemarle	22902
Howard Epstein	County of Albemarle	22932
Tedi Wright	County of Albemarle	22920
David Redding	County of Albemarle	22901
Bill Edgerton	County of Albemarle	22901
Sarah duPont	County of Albemarle	22901
Jamie Endahl	County of Albemarle	22911
Nicholas Duke	County of Albemarle	22937
Karen McGlathery	County of Albemarle	22903
Lillian Mezey	County of Albemarle	22932
Martha Hodgkins	County of Albemarle	22932
Rebecca Ginsberg	County of Albemarle	22933
Turner Tilman	County of Albemarle	22911
Martin Shifflett	County of Albemarle	22940

Mindy Goodall	County of Albemarle	22901
Jean Abrl	County of Albemarle	22936
Allison Hill	County of Albemarle	22901
Hugh Meagher	County of Albemarle	22901
Barbarie Hill	County of Albemarle	22901
James Eaton	County of Albemarle	24590
Lindsay Diamond	County of Albemarle	22901
Nicola McGoff	County of Albemarle	24590
Nan Halperin	County of Albemarle	22901
Susan Weiner	County of Albemarle	22903
Sierra Gladfelter	County of Albemarle	22901
Philip D Dupont	County of Albemarle	22901
Patricia Oppenheimer	County of Albemarle	22924
Michael Reilly	County of Albemarle	22903
Sunshine Mathon	County of Albemarle	22901
Erin Malec	County of Albemarle	22911
Wilson Ratliff	County of Albemarle	24590
Tim Michel	County of Albemarle	22940
John Cruickshank	County of Albemarle	22936
B Albert	County of Albemarle	22924
Katrina von Briesen	County of Albemarle	22924
Anna Bella Korbatov	County of Albemarle	22903
Elizabeth Dahmus	County of Albemarle	22902
Emily Mathon	County of Albemarle	22901
Carolyn Schuyler	County of Albemarle	22911
Jed Verity	County of Albemarle	22911
Latifa Kropf	County of Albemarle	22901
Deborah Povich	County of Albemarle	22901
Janet Wolfe	County of Albemarle	22959
Sarah Lanzman	County of Albemarle	22935
Carol DiCaprio	County of Albemarle	22902
Paul Martin	County of Albemarle	22903
Bill Edgerton FAIA	County of Albemarle	22901
Jennifer Jacobs	County of Albemarle	22932
Sarah McLean	County of Albemarle	22940
Ed Miller	County of Albemarle	22903
Janet Miller	County of Albemarle	22903
Jennifer Till	County of Albemarle	22920
Bridget Meagher	County of Albemarle	22901
Shannon Burns	County of Albemarle	22940
Kristina Parker	County of Albemarle	22901
Catherine Mosley	County of Albemarle	22901
James Spurlock	County of Albemarle	22911
Rachel Repko	County of Albemarle	22901
Jessica Cummings	County of Albemarle	22902
Chuck Brown	County of Albemarle	22903
Meagan Van Vuren	County of Albemarle	22901
Sarah Fromme	County of Albemarle	22901
Johannes Van Vuren	County of Albemarle	22901
James Mackey	County of Albemarle	22903
Charles Kennedy	County of Albemarle	22903
Tom Hubbard	County of Albemarle	22901

Kelly Mahanes	County of Albemarle	22932
Blaine Loos	County of Albemarle	22902
Diane Rozycki	County of Albemarle	22901
Shirl Gager	County of Albemarle	22902
Theresa Hainer	County of Albemarle	22959
Pamela Jiranek	County of Albemarle	22936
Kurt Friesen	County of Albemarle	22901
Nathan Biediger	County of Albemarle	22901
Charlie Johnson	County of Albemarle	22901
Brian Rozycki	County of Albemarle	22901
Locke Ogens	County of Albemarle	22901
John Wheeler	County of Albemarle	22902
Meredith Frazier	County of Albemarle	22902
Eugene Lerman	County of Albemarle	22901
Susan McCulley	County of Albemarle	22903
Dave Redding	County of Albemarle	22901
Gwynne Schultz	County of Albemarle	22901
Jeanine Wolanski	County of Albemarle	22911
Dana Quist	County of Albemarle	22901
Steve Vavrik	County of Albemarle	22901
Jennifer Wise	County of Albemarle	22903
April Wang	County of Albemarle	22901
Margaret Wheeler	County of Albemarle	22936
Eric Parker	County of Albemarle	22901
Ravi Respeto	County of Albemarle	22901
Melissa Meece	County of Albemarle	22902
Laura Markey Monroe	County of Albemarle	22901
Neil James	County of Albemarle	22902
Ron Povich	County of Albemarle	22901
Carlos Armengol	County of Albemarle	22903
Rachel Lloyd Miller	County of Albemarle	22911
John Buckley	County of Albemarle	22903
Brenda Lloyd	County of Albemarle	24590
Robert Lloyd	County of Albemarle	24590
Asha Greer	County of Albemarle	22924
Maureen Perriello	County of Albemarle	22903
Misty Vredenburg	County of Albemarle	22932
Emily Dillard	County of Albemarle	22903
Kathy Nathan	County of Albemarle	22903
Mark Lepsch	County of Albemarle	22959
Nicholas McIntosh	County of Albemarle	22932
John Haydock	County of Albemarle	22901
Carol Gardner	County of Albemarle	22901
Bart Nathan	County of Albemarle	22903
Brian Sosdian	County of Albemarle	22903
Kelli Palmer	County of Albemarle	22901
Sarah Trundle	County of Albemarle	22901
Lesley Fore	County of Albemarle	22903
Galen Staengl	County of Albemarle	22932
Frank Deviney	County of Albemarle	22903
Laurel Geis	County of Albemarle	22901
Tom McIntosh	County of Albemarle	22940

Kate Lucas	County of Albemarle	22901
Sam Spilman	County of Albemarle	
Geoffrey Robinson	County of Albemarle	22902
Evan Schmit	County of Albemarle	22901
Stephen Reiter	County of Albemarle	22936
Tom Syre	County of Albemarle	22959
Polly Cushman	County of Albemarle	22903
David Silver	County of Albemarle	22901
Anna McLean	County of Albemarle	22940
Karlo Mendoza	County of Albemarle	22903
Edith Crawford	County of Albemarle	22923
Lena Lewis	County of Albemarle	22902
Rachel Stukenborg	County of Albemarle	22936
Anne Russell Gregory	County of Albemarle	22911
Eric Walter	County of Albemarle	22932
Christine Bowers	County of Albemarle	22903
L Dudley	County of Albemarle	22932
Loman Frazier	County of Albemarle	22911
Sharyn Parlee	County of Albemarle	22932
Christine Putnam	County of Albemarle	24590
Leslie Back	County of Albemarle	22932
Victor Luftig	County of Albemarle	22932
Kathy Kildea	County of Albemarle	22901
Andrew Niehaus	County of Albemarle	22911
Heather Wetzel	County of Albemarle	22901
Carol Carter	County of Albemarle	22902
John Surr	County of Albemarle	22911
Fleming Lunsford	County of Albemarle	22959
Kevin Poindexter	County of Albemarle	22937
Bill Sublette	County of Albemarle	22903
David Carr	County of Albemarle	22901
Anna Rossberg	County of Albemarle	22932
Cathy Boyd	County of Albemarle	22901
Travis Pietila	County of Albemarle	22901
Ebony Hilton Buchholz	County of Albemarle	22901
Denise Holman	County of Albemarle	22911
Mark Sabath	County of Albemarle	22903
Jon Proffitt	County of Albemarle	22903
Ian Dixon	County of Albemarle	22903
Jonathan Gendzier	County of Albemarle	22902
Jan Harrison	County of Albemarle	22901
Jessica Clark	County of Albemarle	22903
Kristin Streed	County of Albemarle	22901
Andrew Wright	County of Albemarle	22932
Judy Dunscomb	County of Albemarle	22901
Deborah Donnelly	County of Albemarle	22903
Tom Brooks-pilling	County of Albemarle	22966
Terri Mead	County of Albemarle	22901
Amanda Alger	County of Albemarle	22932
Dana Kirschnick	County of Albemarle	22946
Douglas Burns	County of Albemarle	22940
Pat Cummings	County of Albemarle	22959

Cathy Cassety	County of Albemarle	22903
Elizabeth Moore	County of Albemarle	22937
Richard Monroe	County of Albemarle	22932
Dennis Lo	County of Albemarle	22903
Fang Yi	County of Albemarle	22903
Dana Pauly	County of Albemarle	22936
Rebecca Bronkema	County of Albemarle	22901
Brad Saylor	County of Albemarle	22932
John Holden	County of Albemarle	22901
Denise Zito	County of Albemarle	22940
Lola Weir	County of Albemarle	22902
Renee O'Connell	County of Albemarle	22901
Beverly Ingram	County of Albemarle	22902
Marla Muntner	County of Albemarle	22920
Phyllis White	County of Albemarle	24590
John Wheeler	County of Albemarle	22936
Frederick Paul	County of Albemarle	22947
Jane Baker	County of Albemarle	22947
Barry Sisson	County of Albemarle	22911
Baylor Fooks	County of Albemarle	22903
Alex Patterson	County of Albemarle	22932
Laurie Collins	County of Albemarle	22924
Charles Fitzgerald	County of Albemarle	22920
Tim SanJule	County of Albemarle	22932
Dean Lhospital	County of Albemarle	
Teresa Miller	County of Albemarle	22901
Brennan Gilmore	County of Albemarle	22902
Linda van der Linde	County of Albemarle	22901
Tobey Stultz	County of Albemarle	22903
Mark Drusin	County of Albemarle	22947
Dan Bieker	County of Albemarle	22959
Therese Elron	County of Albemarle	22901
Lydia Gaya	County of Albemarle	22902
Natasha Heller	County of Albemarle	22903
Roger Voisinet	County of Albemarle	22902
Jef McCormack	County of Albemarle	22911
Elizabeth Dudley	County of Albemarle	22901
Fred Wittwer	County of Albemarle	22911
Leslie Gregg	County of Albemarle	22911
Jane-Ashley Skinner	County of Albemarle	22901
Hallie Hegemier	County of Albemarle	22940
Rusty Speidel	County of Albemarle	22901
Lynne Brubaker	County of Albemarle	22947
Fiona Forward	County of Albemarle	22903
Annabel Forward	County of Albemarle	22903
Jennie Moody	County of Albemarle	22943
Elizabeth Spaulding	County of Albemarle	22901
Gardner Bloemers	County of Albemarle	22937
Constance Samuels	County of Albemarle	22901
Susan Rives	County of Albemarle	22947
Jenny Gardiner	County of Albemarle	22947
Marina Ringström	County of Albemarle	22947

Jim Andrews	County of Albemarle	22903
Julie Hebert	County of Albemarle	22911
Kate Hamilton	County of Albemarle	22911
Laura Allen	County of Albemarle	22902
Elizabeth Piper	County of Albemarle	22902
Tracy Noelke	County of Albemarle	22932
Laurie Blomstrom	County of Albemarle	22903
John Parcels	County of Albemarle	22940
Amanda Easton	County of Albemarle	22969
Pat and Madison Cummings	County of Albemarle	22959
David Sloan	County of Albemarle	22936
Brian Sewell	County of Albemarle	22903
Cynthia Neff	County of Albemarle	22901
Kay Ferguson	County of Albemarle	22901
Tracy Browne	County of Albemarle	22920
Douglas Brown	County of Albemarle	22903
Tom Bevacqua	County of Albemarle	22901
Emily Little	County of Albemarle	22901
Katherine Sewell	County of Albemarle	22903
Matthew Crane	County of Albemarle	22936
Sofie Swift	County of Albemarle	
Nan Coleman	County of Albemarle	22903
Jane Mills	County of Albemarle	22936
Anna Henry	County of Albemarle	
Pattie Frischkorn	County of Albemarle	22901
Claire Mills	County of Albemarle	22936
David Posner	County of Albemarle	
Scott Ziemer	County of Albemarle	22932
Mary Bennett	County of Albemarle	22901
Eric Sherry	County of Albemarle	24590
Michael Allenby	County of Albemarle	22936
Richard Seide	County of Albemarle	22911
Brooke Beaver	County of Albemarle	22901
Elise Hertzberg	County of Albemarle	22901
Trip Stakem	County of Albemarle	22903
Robin Mason	County of Albemarle	22936
Lindsey Mullen	County of Albemarle	22901
Sheri Waddell	County of Albemarle	22947
Emily Carroll	County of Albemarle	22901
Mark Mascotte	County of Albemarle	22901
Olivia Branch	County of Albemarle	22974
Martin Betts	County of Albemarle	22936
Karen Pape	County of Albemarle	22901
Jeanne Stanborough	County of Albemarle	22901
Sheryle Yount	County of Albemarle	22902
Lucretia Blythe	County of Albemarle	22901
Craig Jones	County of Albemarle	22963
Barbara Hutchinson	County of Albemarle	22936
Patricia Leavitt	County of Albemarle	22920
Susan Payne	County of Albemarle	22903
Emi Murphy	County of Albemarle	22901
Maisie Whiting	County of Albemarle	22902

Jill Trischman-Marks	County of Albemarle	22923
Kim Cory	County of Albemarle	22920
Lesley Hamilton	County of Albemarle	22911
Rick Mangione	County of Albemarle	22911
Amy Lastinger	County of Albemarle	22903
John Stoner	County of Albemarle	
Anna Chytla	County of Albemarle	22911
Alisha McLaughlin	County of Albemarle	22903
Christine Gyovai	County of Albemarle	22901
Celia Castleman	County of Albemarle	22901
Donna Frye	County of Albemarle	22901
Deborah Norton	County of Albemarle	22911
Charles Cory	County of Albemarle	22920
Joyce Camden	County of Albemarle	22902
Christine McNeely	County of Albemarle	22901
Bob Putnam	County of Albemarle	24590
Kiley Martin	County of Albemarle	22901
Julia Weed	County of Albemarle	22959
James Bennett	County of Albemarle	22901
Leora Vincenti	County of Albemarle	22932
Eliza Evans	County of Albemarle	22959
Andre Hakes	County of Albemarle	22903
Catherine Gillespie	County of Albemarle	22903
Jocelyn Prostko	County of Albemarle	22911
Betsey Soulsby	County of Albemarle	22936
Gayle Davis	County of Albemarle	22959
Michelle Kampsen	County of Albemarle	22901
Craig DuBose	County of Albemarle	22903
Alex Welch	County of Albemarle	22902
John Campbell	County of Albemarle	22902
Ken Home	County of Albemarle	22901
Allison Linney	County of Albemarle	22926
Peter Thompson	County of Albemarle	22901
Paul Zavada	County of Albemarle	22959
Matt Hegemier	County of Albemarle	22940
Lauri Ross	County of Albemarle	22911
Brad Stoller	County of Albemarle	22936
Paul Tucker	County of Albemarle	22903
Sandy Reisky	County of Albemarle	22936
Gabe Gavin	County of Albemarle	22903
Micaela Raine	County of Albemarle	22923
Dara Krute	County of Albemarle	22911
Sonjia Smith	County of Albemarle	22901
Cynthia Allred-Jackson	County of Albemarle	22901
Marijean Oldham	County of Albemarle	22903
Cliff Maxwell	County of Albemarle	22901
Wanda SanJule	County of Albemarle	22932
Janine Dozier	County of Albemarle	22959
Jennis Warren	County of Albemarle	22932
Marie Hawthorne	County of Albemarle	22943
Andrew Green	County of Albemarle	22932
Danielle Fontaine	County of Albemarle	22902

Susannah Hornsby	County of Albemarle	22932
Jeffrey Gleason	County of Albemarle	22903
Louise Rambo	County of Albemarle	
Alexander Williams	County of Albemarle	22902
Liam Decker	County of Albemarle	24590
Nancy Hiles Johnson	County of Albemarle	22903
Stacey Jackson	County of Albemarle	22937
Iva Gillet	County of Albemarle	22935
Renee Fuller	County of Albemarle	22902
Nora Seilheimer	County of Albemarle	22903
Galen Staengl	County of Albemarle	22932
Gary Alter	County of Albemarle	22923
Max Lorenzo	County of Albemarle	22911
Amanda Alger	County of Albemarle	22932
Carol Wise	County of Albemarle	22911
Irma Mahone	County of Albemarle	22903
Margie Shepherd	County of Albemarle	22940
Elizabeth seliga	County of Albemarle	22932
James Loman	County of Albemarle	22932
Charlotte Gibson	County of Albemarle	22901
Michael Rettig	County of Albemarle	22903
Joan Z Rough	County of Albemarle	22901
Alison Peterson	County of Albemarle	22932
Joanne Gamble	County of Albemarle	22933
Kaye Monroe	County of Albemarle	22902
Ursula Goadhouse	County of Albemarle	22932
Kristin Breen	County of Albemarle	22901
Judith Minter	County of Albemarle	22924
Anita Holmes	County of Albemarle	
Daniela Smith	County of Albemarle	22936
Betty Clifton	County of Albemarle	24477
Rebecca George	County of Albemarle	22901
Hannah O'Donnell	County of Albemarle	22902
Kiley Martin	County of Albemarle	22901
Tina Morrison	County of Albemarle	22932
Catherine Caldwell	County of Albemarle	22901
Liza Khutsishvili	County of Albemarle	22902
Elizabeth Nisos	County of Albemarle	22903
Tracy Carver	County of Albemarle	22903
Linda Capacchione	County of Albemarle	22911
Cheri Jones	County of Albemarle	22902
Sarah Humphrey	County of Albemarle	22901
Cecilia Frazer	County of Albemarle	22901
Jacob RG Canon	County of Albemarle	22901
Charlotte Fracis	County of Albemarle	22911
Dreama Joslin	County of Albemarle	22943
Miriam Rushfinn	County of Albemarle	22959
Jacqueline Lessard	County of Albemarle	22901
Deanna Scott	County of Albemarle	22901
Jeffrey Grosfeld	County of Albemarle	22920
Anne Lindberh	County of Albemarle	22902
Stephen Hamilton	County of Albemarle	22901

Mary Kate McDevitt	County of Albemarle	22902
Brooke Kinsey	County of Albemarle	22903
Matthew Crane	County of Albemarle	22936
Valerie Hung	County of Albemarle	22936
Bill Bradley	County of Albemarle	22902

**RESOLUTION**  
**IN SUPPORT OF KEY FOCUS AREAS TO ADDRESS IN**  
**THE CITY OF CHARLOTTESVILLE CLIMATE ACTION PLAN**

**WHEREAS**, the weight of scientific evidence and scientific consensus indicates that greenhouse gas emissions from human activities is driving climate change, especially the combustion of fossil fuels that create greenhouse gases; and

**WHEREAS**, climate change has been widely recognized by government, business, academic, and other community leaders as a worldwide threat with the potential to harm our economy, safety, public health, and quality of life; and

**WHEREAS**, the City of Charlottesville resolved in June 2017 to stand with cities and other public and private sector partners throughout the world to advance action in accordance with the with the goals outlined in the Paris Agreement, the first global commitment to fight climate change; and

**WHEREAS**, the City of Charlottesville adopted a Statement of Economic Principles in September 2017 that supports growing a wide array of local industry sectors, the availability of excellent affordable housing, a globally competitive workforce, redevelopment that produces local jobs and affordable housing, builds upon Charlottesville's commitment to sustainability, and promotes active partnerships at the regional level; and

**WHEREAS**, the City of Charlottesville is currently in Phase 2 of implementing its Global Covenant of Mayors for Climate and Energy commitment, and will develop a Climate Action Plan in Phase 3; and

**WHEREAS**, the City of Charlottesville has been involved in and continues to explore a variety of important actions to reduce greenhouse gas emissions in our community; and

**WHEREAS**, 90% of Charlottesville's carbon emissions profile is attributed to residential, commercial, and transportation sector activities; and

**WHEREAS**, initial costs for energy efficiency and renewable energy measures can pose a barrier for residential, commercial, and non-profit property owners and slow adoption of low carbon actions despite many such installations resulting in net-cost savings over their lifetime; and

**WHEREAS**, the private financial sector has access to resources that local government does not and that can aid in increased investment in energy performance of buildings in Charlottesville; and,

**WHEREAS**, the affordability of housing is affected by the cost of the housing unit and the cost of powering the home, known as the energy burden; and

**WHEREAS**, improvements in building energy performance through energy efficiency and renewable energy installations can reduce the energy burden cost for the building occupants and, in many cases, improve the comfort and quality of life of the building occupants; and

**WHEREAS**, local investment in energy improvements for buildings and low carbon strategies requires a skilled local workforce and supports local businesses and industries that are seeing national and global growth, and enables partnerships such as those seen in the GO Solar program; and

**WHEREAS**, strategies to reduce carbon emissions from the transportation sector can include mode shift, fuel switching, fuel economy, reduced travel distance; and

**WHEREAS**, the City of Charlottesville municipal fleet – including transit, school buses, service and maintenance trucks, and passenger vehicles – contributes to community-wide transportation carbon emissions.

**NOW, THEREFORE, BE IT RESOLVED** by the Council of the City of Charlottesville, Virginia that the City of Charlottesville Climate Action Plan, to be developed under Phase 3 of its Global Covenant of Mayors for Climate and Energy commitment, will include, but not be limited to, strategies that address the following:

1. Further enabling private financial sector investment in energy performance upgrades for commercial properties in the City of Charlottesville through adoption of a commercial property assessed clean energy (C-PACE) financing program; and
2. Effective funding programs and models for increased residential energy performance, including programs that are compatible with affordable housing and owner or renter-occupied housing; and
3. The feasibility of integrating zero emission vehicles into the municipal fleet and supporting increased community adoption of zero emission vehicles; and
4. Working in conjunction with regional partners to implement seamless programs and services to increase ease of participation for Charlottesville organizations and residents.