



Climate Action Plan Committee - Meeting 2 Summary

City Hall Conference Room – 10722 SE Main St., Milwaukie, OR 97222

May 10, 2018 – 6:00 – 9:00 p.m.

Committee Members Present	Representing
Vincent Alvarez	Community Member
Brooke Berglund	Utility
Linda Blue	Community Member
Shanna Brownstein	Utility
Patricia Cronin	Community Member
Scott Stewart	Large employer
Mark Gamba	City of Milwaukie – Mayor/Council Liaison
Eric Corey Freed	Community Member
Jonathan Hutchinson	North Clackamas School District
Katharine Hyzy	Community Member
Britt McConn	Community Member
Eben Polk	Clackamas County
Andy Taylor	Community Member
Yelena Voznyuk	Community Member

Committee Members Not Able to Attend	Representing
Shane Abma	City of Milwaukie – Council Liaison
David Dugan	Large Employer
Mark Hilton	Community Member
Cindy Quintanilla	North Clackamas School District

Staff Present	
Peter Passarelli	City of Milwaukie
Tristan Sewell	City of Milwaukie
David Levitan	City of Milwaukie
Kirstin Greene	EnviroIssues
Emma Sagor	EnviroIssues
Josh Proudfoot	Good Company
Aaron Toney	Good Company

Guest presenters	
Jay Ward	Energy Trust of Oregon
Brendan McCarthy	PGE



Welcome and introductions

Mayor Mark Gamba welcomed Climate Action Plan Committee (CAPC) members and opened the meeting by thanking CAPC members for their important work. Since the CAPC last met in February, the City hosted six implementation partner workshops. The City Council also recently adopted a resolution declaring climate change, resilience, and education as a key Council goal. Mayor Gamba explained the Council originally planned to wait to adopt a goal until after the Climate Action Plan (CAP) was complete, but due to budget cycles, Council moved ahead with adoption of an intermediate goal. Council has also agreed to fund one Full-Time Equivalent employee to manage implementation of the CAP once adopted.

Mayor Gamba said the CAPC's work in this and future meetings will help determine a goal for Council to adopt as part of the CAP. He noted a temperature-based goal may be difficult to translate to the public. Mayor Gamba said he hoped the CAPC may choose to be more aggressive than the goal set out in the Paris Climate Accord.

Mayor Gamba reviewed the key meeting objectives:

- Review and discuss feedback from implementation partner workshops
- Review and discuss identified mitigation and adaptation actions and initial scaling results
- Identify key questions for broader community input for the Summit and online survey
- Gain a better understanding of the goal-setting process, considerations and next steps

Peter Passarelli, Milwaukie Public Works Director and CAP Project Manager, provided an update on the CAP schedule. Based on CAPC guidance at the last meeting, the project team decided to add a fourth CAPC meeting and increase the length of meetings to three hours to allow sufficient time for discussion. At the next meeting, CAPC members will review feedback received from the community Summit and continue discussing strategies for the draft plan. Peter noted CAPC #3 has been rescheduled to June 28. In the fourth (July) meeting, the CAPC will make their final recommendations to Council, with expected adoption of the CAP on August 7.

Facilitator Kirstin Greene reviewed the agenda and provided a staffing update. Kirstin has accepted a job with Oregon's Department of Land and Community Development as Economic Development Specialist starting full time on June 1. Emma Sagor, EnviroIssues, will facilitate CAPC meetings #3 and #4. Kirstin thanked CAPC members for their dedication to this process and said Milwaukie provides a shining example for other communities in Oregon.

Emma Sagor provided an overview of the upcoming Climate Action Fair and Summit, which will take place at the Waldorf School gym on May 31, 2018 from 5:30 – 8:30 p.m. CAPC members are encouraged to attend and invite as many people as possible. A survey was distributed to CAPC members to identify who is planning to attend the Summit and which members would be willing to serve as a discussion group leader. Emma explained an online survey will also launch on May 31 and stay open for two weeks.

Discussion and questions

- *What does success look like at the Summit?*
 - The objectives for the Summit are threefold:
 - Educate and inform the community about the climate change challenge.
 - Involve the community in developing a realistic, actionable, and effective plan.



- Inspire and motivate action by highlighting resources and opportunities for Milwaukie residents.
 - Success would involve a good turn-out, engaged discussion and idea sharing, and participants feeling like they've contributed to the planning process and have gained ideas on how to make a personal difference on climate.
- *The survey did not provide an option for saying you will attend the Summit but do not wish to lead a discussion group.*
 - The survey was updated to provide this option following the meeting.
- *Is the goal of the Summit to inspire individual behavior change or to be a "referendum," where we hope to gain support for a significant investment on this issue?*
 - Both. We will be asking for feedback on specific actions community members can and want to take and will also share resources to help this behavior change through the Climate Action Fair. In addition, we will gather feedback on how urgently the community feels we need to act to inform goal setting by staff and the CAPC.
 - Many said it will be crucial to hear what motivates community members to make a change.
- *Who is the target audience for the Summit?*
 - Primarily community members who understand that climate change is a problem and want to join the conversation around how to act. There will be informational component that explain the climate change challenge to those who are less familiar.

Goal setting

Josh Proudfoot, Good Company, provided an overview of goal setting as a step in the climate action planning process. Full details are available in the meeting PowerPoint. Key takeaways include:

- It is important to establish goals that make sense to the public.
- Science-based targets in climate action planning are tied to average global temperature rise. Different levels of increase in global temperature will result in different future conditions. The more aggressive the science-based target, the safer future conditions may be. However, achieving more aggressive targets requires faster and more significant action.
- Estimates suggest carbon capture, storage or sequestration technology will be developed by 2035 that could help us accelerate progress towards these goals and even move toward negative emissions.
- The U.S. is disproportionately responsible for carbon emissions, and we have to do more work than the vast majority of the world.
- Only two communities in Oregon (Ashland and Eugene) have adopted the "safe goal" of 1°C.
- Each chapter of the CAP will also include topic-specific goals.

Josh asked the CAPC to consider the implications of selecting different goals between CAPC #2 and CAPC #3. At the next meeting, the CAPS will discuss how quickly Milwaukie can realistically mitigate emissions and is prepared to act.

Discussion and questions:

- *Are the "chapter-level" goals for the City of Milwaukie or for the entire community?*
 - Many cities include City, community and household goals within their CAPs. The strategies that came out of the implementation partner workshops apply to the City and community, but do not yet get to the household level.
- *It is important that the goal be relatable to the community. Would a temperature-based goal resonate with the public?*



- Framing the goal in terms of temperature or parts per million of greenhouse gases is not very tangible.
- Many members feel the goals must be concrete and tied to actions that can be taken at the household, community and City level. Staff clarified the higher-level, science-based goal of the plan will underpin the action-level goals within each topic.
- The goal should help the City justify continued action and investment.
- Looking at percentage of emissions may be more relatable than average global temperature because it's more localized. This may be easier to connect to household strategies, too.
- *We must consider messaging around how significantly consumption habits will have to change to make a meaningful difference. It is important not to turn people off.*
 - There is a deep multi-generational investment among many Milwaukie community members. Messaging should focus on preserving what we value about Milwaukie as well as the risks of inaction.
 - The City should model behavior it wants residents to take up.
 - Incremental behavior change is more realistic and easier for people to rally behind. We should engage the community in coming up with ideas that make sense for Milwaukie.

Decarbonization presentations

Shanna Brownstein (Northwest Natural), Brooke Berglund and Brendan McCarthy (PGE), and Jay Ward (Energy Trust of Oregon) provided overview presentations of their organizations' decarbonization efforts. Please see the meeting PowerPoint for details. The sections below summarize the comments and questions related to each presentation:

Shanna Brownstein, Northwest Natural

- *Is Northwest Natural considering implementing any other methane capture and re-use initiatives at other wastewater treatment facilities?*
 - Northwest Natural is currently in talks with the City of Eugene about a potential project.
- *What is the climate impact of retired natural gas wells that are still leaking gas?*
 - This is a problem, however Northwest Natural is not a producer. Shanna noted impacts and conditions vary based on geography. Some states have tighter regulations than others.

Brendan McCarthy and Brooke Berglund, PGE

- *PGE is working with the City of Milwaukie to get approval for several pilot projects, including implementing a green tariff. The tariff would allow the building of new renewable power within the state that would be connected to power purchased by municipalities and customers.*
- *Has PGE decoupled its energy sales from its earnings?*
 - Almost. PGE service is decoupled for residential and small commercial.
- *Does PGE have a feed in tariff?*
 - A pilot program ended a few years ago. It was very expensive and very popular.
- *Has there been an analysis of decarbonization efforts on rates?*
 - Not yet, but that is a logical next step. Future technological innovations will also impact rates. The projections shown in these slides do not include potential projects like off shore wind.
- *Many customers have installed solar panels without using the feed in tariff. Does PGE purchase energy from customers who have a surplus?*



- PGE net meters and buys surplus energy from customers on a monthly basis.

Jay Ward, Energy Trust of Oregon

- *Governor Brown recently signed an Executive Order to accelerate net zero building codes and require solar ready buildings and EV-ready residential construction.*

Draft strategies overview and break out group discussions

Aaron Toney, Good Company, presented an overview of the draft strategies that emerged from the implementation partner workshops. Good Company is working to scale the impact of these strategies on emissions. The scaling is ongoing as more data becomes available. With what has been modeled thus far, the strategies currently identified would not reach the State of Oregon's 2035 goal.

Full details are available in the PowerPoint presentation. The following comments were provided following Aaron's presentation:

- *Multi-family energy efficiency incentives are difficult because the person who pays for heating has no incentive to invest in improvements as they usually do not live in the unit long-term.*
 - Mayor Gamba noted the City is working on requiring higher efficiency standards for new builds, but encouraging updates in older buildings is more difficult.
- *The top strategies emerging from the stakeholder workshops were identified by vote rather than by what is most effective.*
 - Josh explained that this is a starting point. Additional refinement is expected following more community involvement and CAPC discussion. The implementation partner workshop process helped identify what strategies would be most feasible, which ensures the strategies that get included in the plan are realistic and actionable.

CAPC members broke into four small groups to discuss each topic in more detail. Discussions focused on three questions:

- What clarifying questions do you have about these actions?
- What feedback do you have about the actions, and how should they be refined to best fit the Milwaukie community?
- What input from the community would help the CAPC refine these actions and make them as effective as possible?

The notes from the report out are summarized below.

Natural resources

- *Clarifying questions and comments:*
 - Why are there no mitigation actions under natural resources? Could potable reuse plans and increased tree cover have a mitigation effect?
 - Natural resources seems very intertwined with emergency preparedness discussion, and there is a large amount of overlap.
- *Refinements:*
 - There is a need for more household-level strategies within this topic area. It is going to take some time for the tree code to be established. Household-level actions related to tree canopy should be identified.



- Milwaukie could insist on code compliance in City parks through maintenance contracts. North Clackamas Parks and Recreation District does maintenance in city parks.
- Milwaukie and the County should consider opportunities for increase methane capture efforts at the Kellogg plant. Clackamas County WES should be invited to the Climate Action Fair.
- *Summit planning:*
 - It is important to provide the public an idea of how much impact each strategy will have at the Summit. Some of these actions may not result in a significant impact, and the community should focus on what matters most.

Public health and emergency preparedness

- *Clarifying questions and comments:*
 - There is significant alignment between the emergency preparedness conversation and the neighborhood hub discussions. However, some felt it has been difficult to participate in the neighborhood hub discussions and they have been dominated by a few voices.
- *Refinements:*
 - More resident-driven and resident-focused strategies are needed in this topic area.
 - Community policing should be added as a potential adaptation strategy
- *Summit planning:*
 - The community needs to know about the risks of natural emergencies so they can be prepared. CERT and the American Red Cross should be engaged as part of the Climate Action Fair.
 - Citizens need to be empowered and informed of who to call and what to do in case of an emergency. It would be beneficial to provide a list of resources people can access to become more prepared at the Summit.
- More outreach should be done to reach youth through schools and via the Ledding Library.

Building energy and efficiency

- *Clarifying questions and comments:*
 - More clarification is needed about the recent Executive Order and its potential impact.
 - Are these assumptions optimistic? What assumptions are there around the adoption vehicles for these strategies?
 - How does affordable housing figure into these strategies? Staff should consult the Earth Advantage Study by David Hasalem.
 - How is equity incorporated into these strategies?
- *Refinements:*
 - Multi-family strategies are difficult, and we should consider whether increased efficiency is encouraged through a tax or incentive. Resulting rent increases must also be considered.
 - State law around building codes is an obstacle.
 - Portland's energy score system may be a model.
 - The City Council should address the state's net zero code.
 - Mandate solar on new residents.
 - Divert construction waste.
 - Milwaukie could be a pilot for an industrial capital support project (e.g. cap and trade, job protection, etc.)



- *Summit planning:*
 - What we want to hear from the public:
 - What would encourage change?
 - Thoughts on time of use pricing?
 - Demand response and scale up?
 - Is there appetite for a menu of programs individuals can participate in?
 - Would an app or other resource be useful?
 - What do you think about an energy tech center in Milwaukie?

Vehicle fleets and fuels

- *Clarifying questions and comments:*
 - There are many public health co-benefits to these strategies (that go beyond energy benefits).
- *Refinements:*
 - The City should highlight partnerships, e.g. with TriMet.
 - A potential future price on carbon should be considered.
 - Resiliency funding that feeds energy efficiency should be explored.

Land use and transportation planning

- *Clarifying questions and comments:*
 - These strategies are closely tied to the neighborhood hubs planning. Hubs should be walkable, served by transit, and safe for pedestrians.
 - How can we use EVs as energy storage?
- *Refinements:*
 - We need to consider and plan for potential future autonomous EV technology.
 - Milwaukie should consider developing public transportation options other than TriMet.
 - Land should be set aside and preserved.
 - Consider fee in lieu of during construction.
 - Multi-family development should be EV ready.
 - We should prioritize alternative modes downtown. A Transportation Management Area could help.
 - More public transportation and safer crossings are needed on Johnson Creek Blvd.

Materials and household consumption

- *Clarifying comments and questions:*
 - What sustainability practices will be showcased
 - Actions need to be rewritten to a 6th grade level and in a way that community members can see themselves in
 - Many of the actions are already happening – City should support and plug into existing resources
 - Need to rebrand “buying used”
- *Refined Actions:*
 - Integration action should come out – not feasible
 - Provide comprehensive calendar of materials related events (e.g. repair fairs)
 - City will communicate with multifamily owners – Milwaukie can help the County to get in the door.



- Figure out multifamily participation to food recovery efforts. Work with WM to supply containers for apartments and multifamily. Apartment owners to market this service. Commercial will have a food waste requirement.
- City of Milwaukie to provide education outreach in newsletter on residential food waste recovery services that already available.
- City to support County efforts on food donation and food waste prevention. City based campaign to identify local businesses.
- City projects to reduce overall cement use and use lower carbon alternative.
- Contest to see which local builder uses most reused building materials
- City support a local tool library.
- City support of right to repair legislation.
- *Summit planning:*
 - What existing County resources/programs would the community be most interested in learning more about?

Wrap up and next steps

The next CAPC meeting is scheduled for June 28. Peter thanked CAPC members for their time and encouraged all members to promote the Summit to their networks.