

The meeting of the Environment and Climate Committee (ECC) was called to order at 11:00 a.m. on Thursday, September 9, 2021, online and by phone.

Roll Call: Bill Welch, Kavi Chokshi, Kellie Jensen, Kersey Marion, Mark Buckley, Neil Baungard, Peter Grube, Rory Isbell, Serena Dietrich, Tess Gardner (alternate), Anne Birky (ex officio), Sasha Sulia (ex officio)

Absent: Bill Welch, Sasha Sulia

Member Isbell joined the meeting at 11:03 a.m.

Member Gardner joined the meeting at 11:03 a.m.

1. Approval of minutes from 8/8/2021 ECC Meeting

Member Chokshi stated that the motion for item 9 states that it passed unanimously when it should be passed by 5-2.

Member Chokshi moved to approve the August 8, 2021 meeting minutes with the changes. Member Dietrich seconded the motion, the motion passed unanimously (8-0).

2. Public Comment

No public comment.

3. Updates

Cassie Lacy, Senior Management Analyst, presented the following updates:

- Electronic Vehicle (EV) Readiness Plan
- Water Management and Conservation Plan
- Council Goal Update on October 20, 2021

4. Bike Rack

Members discussed adding the following items to the ECC Bike Rack:

- Negotiating Cascade Natural Gas Franchise Agreement
- Rubberized Chip Seal concerns considering new data

5. Community Climate Action Plan (CCAP) Implementation Fiscal Year (FY) 2021-23 Work Plan

Lacy presented the following slides on the CCAP Implementation Work Plan for FY 2021-23:

- Project Timelines Overview
 - Develop a roadmap to achieve a 100% renewable electricity supply (Policy)
 - Create revolving loan funds to finance renewable energy and energy efficiency projects (Program)
 - Participate in code update processes and vote for advancing energy efficiency in codes (Advocacy)
 - Develop a home energy score program (Policy and Program)
 - Develop an outreach and educational program about food waste prevention and diversion (Program)
 - Improve recycling at multifamily residences (Project)
- ECC Discussion and Talking Point Feedback

Lacy and Members Baunsgard and Dietrich discussed the following CCAP recommendations to present to the Stewardship Subcommittee:

- 100% Renewable Electricity Supply
 - This is the single largest action in terms of gross emissions reduction from the CCAP (five members supported).
 - Cleaner electricity amplifies the emission impact of other goals such as transportation electrification (three members supported).
 - Equity: Increasing access to renewable energy (two members supported).
 - It is valuable to locally accelerate ahead of the statewide House Bill (HB) 2021 schedule both to capture benefits of the new trajectory sooner as well as signal the action's overall importance (two members supported).
 - Many pathways have been evaluated to accomplish this goal, HB 2021 will provide guidance and a pathway for communities looking to go to 100% renewable (ahead of the statewide schedule) (one member supported).
- Revolving Loan Funds
 - One of the biggest barriers to efficiency-improving investments via renewable energy projects is the initial upfront cost (four members supported)
 - This can be targeted to support the improvement of existing buildings, and make these improvements affordable for people who would not normally be financially capable to do so (three members supported)
 - A revolving loan fund would provide low or no interest loans to help get projects started (one member supported)
 - This action provides beneficial leveraging of private investment dollars, and can potentially accomplish much more renewable energy investment in total than a grant program or public investment alone (one member supported)
- Supporting Advancing Energy Codes
 - Codes are an effective way to get mass adoption of efficient technologies. Housing and energy codes have not been updated recently (three members supported)

- Upgrading and retrofitting a house after it is built is more expensive, challenging and wasteful in terms of materials and equipment than doing it right the first time (three members supported).
- These advancements in code can be done cost effectively. A recently proposed code revision would produce 15% energy savings [could include average savings too] with an incremental cost of less than \$800 for an average new home (three members supported).
- Both state code revision as well as proposed legislation to allow cities to adopt advanced code are steps we must take to ensure that the houses built today will be as durable, healthy, and efficient as they can be going forward (two members supported).
- Home Energy Score Program
 - "A Home Energy Score provides home owners, buyers, and renters directly comparable and credible information about a home's energy use. Like a miles-per-gallon rating for a car, the Home Energy Score is based on a standard assessment of energy-related assets to easily compare energy use across the housing market." (Energy.gov) (six members supported).
 - Home energy score programs are seen as supportive of equity as they allow for better transparency in the operational costs of homeownership, and incentivize homes to be upgraded to be more efficient, leading to lower energy bills (five members supported).
 - They also offer a low-cost way to obtain an energy audit. This program can be structured to allow low income homeowners to have their score subsidized so that it doesn't add an additional cost to them selling their own.
 - This program has been identified to be one of the first initiatives for ECC to focus their efforts, with the help of City Staff and community partners. During the adoption of the Community Climate Action Plan, the council saw benefits of this type of program but required further research and input was required (one member supported).
 - ECC is committed to working through the appropriate information as requested by Council at that time. The framework and details behind voluntary versus mandatory will also be vetted (one member supported).
 - Adjust language for program initiatives and equity and data driven content (zero members supported).
- Outreach and Education on Food Waste Prevention
 - The United States is a global leader in food waste, with the average person discarding about 200 pounds per year. This program would be designed to educate and provide insight into options on how to buy less, waste less and compost more (three members supported).
 - The Food Waste and Prevention Cycle would focus efforts throughout the community. An effort to ensure content provided contains multiple languages with culturally appropriate delivery methods to maximize accessibility will be a priority (two members supported).
 - The committee would be tasked with defining goals and framework around the Food Waste and Prevention Cycle. The research behind this initiative

- would also bring to light areas of opportunity and focus for better programs and other initiatives and deployment strategies (two members supported).
 - This program would bring about immediate benefits to those that take action. It is proven that being more aware of what is being bought to begin with (i.e. meal planning) while also composting saves money in households (two members supported).
- Multifamily Recycling
 - A focus on this effort in our community is already evident. The Environmental Center received a grant from the Department and Environment Quality (DEQ) focusing on four properties. That work over ten weeks reduced recycling contamination by over 13% (five members supported).
 - This is a culture shift project, allowing education and outreach to be the focus, working with community partners, and giving all of our residents the chance to make a difference (two members supported).
 - Improving the recycling programs and creating requirements around having space for recycling at multifamily properties will improve access to all residences, not just single-family homeowners (two members supported).
 - Any outreach and education materials created would have a focus on accessibility, include multiple languages and delivered with culturally appropriate methods (two members supported).
 - Over time, the lessons learned from the partnership efforts would drive insight into code development and create areas of opportunity to expand waste reduction strategies (two members supported).

6. Climate Energy Resolution

Member Chokshi presented the following slides on the Climate Energy Resolution:

- Quote: “No problem can be solved from the same level of consciousness that created it”
- Haudenosaunee Thanksgiving Address Greetings to the Natural World
- Bend Wildfire Smoke by AQI Category
- Bend Sees Highest Ever Recorded Temp
- Intergovernmental Panel on Climate Changes (IPCC) Quote
- Let Us Not Normalize this, Let’s Treat This Like it is.
- Are We Doing Everything We Can
- Our Current Goals
- IPCC Quote
- The Climate Mobilization
- In Oregon
- Milwaukie’s Resolution
- Outside Oregon
- Flagstaff is Mobilizing to Address the Climate Crisis
- Bend Climate Action Plan Page 55
- Milwaukie’s Experiences (Since January 2020)
- Discussion

Member Chokshi moved to have the ECC further consider the Climate Emergency Declaration. Member Isbell seconded the motion, the motion passed unanimously (8-0).

7. Environment and Climate Committee 6 Month Work Plan

Lacy discussed the following suggested work plan for the ECC from October 2021 through March 2022:

- October 2021
 - Water Conservation Master Plan
 - Research and analysis on revolving loan fund and or home energy score
- November 2021
 - Water Conservation Master Plan
 - Research and analysis on revolving loan fund and or home energy score
- December 2021
 - Water Conservation Master Plan
 - Research and analysis on revolving loan fund and or home energy score
- January 2022
 - Water Conservation Master Plan
 - Research and analysis on revolving loan fund and or home energy score
- February
 - EV Readiness Plan
 - Home energy score: develop recommendations on pursuing voluntary or mandatory program
 - Review Reach Code Bill
- March 2022
 - Haul Waste Management Alternatives Analysis
 - Review Reach Code Bill and provide recommendations to City Council on supporting the bill
 - Additional follow up on Home Energy Score or Revolving Loan Fund

8. Agenda Setting

9. Adjourned at 1:05 p.m.

Respectfully Submitted,

Kayla M. Duddy
Deputy City Recorder