



CITY OF BEND

# MEMO

**To:** Environment and Climate Committee

**From:** Cassie Lacy, Senior Management Analyst, City Managers Office

**Date:** 8/21/2024

**Re:** Proposed New CCAP Actions

The Environment and Climate Committee held four workshops in late July-early August 2024 focused on each of the four sector areas of the Community Climate Action Plan (energy supply, energy in buildings, transportation, and waste and materials.) In each workshop, Committee members developed a list of proposed new actions to be included in the Community Climate Action Plan.

The proposed lists from each of the four sectors is included below. The text in red indicates totally new actions or strategies or substantially altered actions. The text in black indicates actions that remain substantially unchanged since previously discussed at the ECC meeting on June 13.

*At the September 12 ECC meeting, staff will be looking for feedback on these actions and ultimately if the ECC supports moving forward with this list of proposed actions.* Once approved by the ECC, staff may continue to refine these actions based on feedback from City departments or external implementation partners.

## **Proposed CCAP Update Actions and Strategies**

### **Energy Supply**

#### **ES1: Provide 100% renewable electricity supply to the community**

- **ES1A: Ensure compliance with clean energy targets established for investor-owned utilities in House Bill 2021 by following utilities progress and advocating as opportunities occur if progress is not on track**
- **ES1B: Engage with Central Electric Cooperative to better understand their resource planning and identify opportunities to encourage clean energy supply**

#### **ES2: Reduce emissions associated with reliance on and usage of natural gas**

*Placeholder for these actions since they will be defined large by the electrification policy project*



### **ES3: Encourage solar and other renewable energy generation on residential and commercial buildings**

- ES3A – Increase community education about renewable energy and available incentives
- ES3B – Develop and deliver outreach and education programs targeted at builders, developers and contractors focused on renewable energy, energy storage, and available incentives
- ES3C – Support and expand local workforce development programs in renewable energy trades
- **ES3D – Develop programs that leverage and complement existing programs that encourage residents and businesses to pursue renewable energy and energy storage projects**
- ES3E – Create new financing options and other financial and non-financial incentives to expand renewable energy projects
- **ES3F – Explore permitting processes for opportunities to incentivize renewable energy and energy storage project**

### **ES4 – Pursue local renewable energy generation**

- **ES4A – Investigate and pursue opportunities for renewable energy generation at the water reclamation facility, the water filtration facility, and other areas of the water distribution system**
- ES4B – Support the development of community solar projects locally that residents can subscribe to for access to offsite renewable energy
- ES4C – Pilot microgrid and battery storage projects powered by renewable energy that can operate independently of the energy grid
- **ES4D – Explore the potential for district energy projects**
- **ES4E – Participate in advocacy as opportunities arise to reduce regulatory barriers for local renewable energy development**

### **ES5 – Lead by example by installing solar on all City facilities**

- ES4A – Install solar panels on public buildings to demonstrate public sector leadership to meet the energy demand of the building

## **Energy in Buildings**

### **EB1 – Support policies that reduce greenhouse gas emissions in buildings**

- EB1A – Participate in code update processes and vote for advancing energy efficiency in codes
- **EB1B – Support state legislation that align with CCAP goals and actions and support local implementation of statewide laws and programs**
- **EB1C – Develop policies to limit fossil fuel use in new construction**
- **EB1D – Develop policies to phase out gas appliances and replace with electric**

### **EB2 – Encourage upgrades in residential and commercial buildings that promote energy efficiency and reduce greenhouse gas emissions**

- EB2A – Increase community education on energy efficiency topics and available incentives

- EB2B - Develop and deliver outreach and education on high performance building topics and available incentives targeted at builders, developers, and contractors
- EB2C - Support and expand local workforce development programs in energy trades
- EB2D - Develop programs that leverage and complement existing programs that encourage residents and businesses to pursue energy efficiency, electrification, and other emission reduction upgrades, such as an Energy Navigator program
- EB2E - Identify barriers and create financing options and other financial and non-financial incentives to expand energy efficiency and electrification projects in residential and commercial buildings
- EB2F - Explore permitting processes for opportunities for incentivize high performance building and promote low-carbon building technologies
- EB2G - Promote energy efficiency and load management through smart controls and demand response participation

### **EB3: Implement benchmarking and disclosure programs for energy performance**

- EB3A – Implement statewide building performance standards program that require certain buildings to track and report their energy use and explore creating a City-specific expanded program
- EB3B – Support and expand low cost energy audit programs

### **EB4 – Promote smaller homes and denser housing options through incentives**

- Develop incentives that encourage private developers to build smaller housing options

## **Transportation**

### **T1 – Encourage community-wide electric vehicle adoption**

- T1A – Expand access to communitywide public charging
- T1B – Expand access to charging for people who live in multifamily developments
- T1C – Expand workforce charging
- T1D – Conduct outreach and education about electric vehicles

### **T2 – Encourage bike and pedestrian travel**

- T2A - Prioritize Bend’s Bike, Pedestrian, and Complete Streets policies in the Transportation system Plan. These policies include expanding bike and pedestrian infrastructure, especially in historically underserved neighborhoods
- T2B – Prioritize TSP projects and programs that develop safe alternative transportation routes to schools
- T2C – Improve safety based on crash analysis data by implementing projects and programs in the Transportation Safety Action Plan, such as education, physical project improvements, and a crash review board
- T2D – Expand bicycle parking including mobility points and bike parking at key destinations

### **T3 – Increase transit ridership**

- T3A - Work with partners to create a Mobility Hub program to improve access to a wide range of travel options and support multimodal lifestyles. These hubs combine multiple modes of transportation together in one physical location, often clustered

around high-frequency public transit stops. Typical components include carshare stations, bike parking, and wayfinding elements

- T3B – Support future high capacity transit corridors and future transit use through City actions such as preserving existing rights of way on city roadways and rezoning for higher land use density
- T3C – Support the expansion of transit coverage consistent with the regional transit master plan
- T3D – Collaborate actively with Cascades East Transit to promote transit use such as by providing new infrastructure to support transit stops, promoting transit use through City channels, and aligning City planning and CET planning
- T3E – Support use of transit to recreational destinations, including to the ski resort

#### **T4 – Promote the use of carpooling and vanpooling**

- T4A – Encourage carpooling to City and community events
- T4B – Partner with large employers to promote carpooling and vanpooling for daily commutes

#### **T5 – Lead by example by converting fleet vehicles to electric and alternative fuel vehicles**

- T5A – Convert City fleet to electric and alternative fuels when there is a technically feasible alternative

#### **T6 – Use land use policy and transportation planning to encourage VMT reduction**

- T6A – Make land use changes to promote walking, biking, and transit use by implementing policies from the Comprehensive Plan, the Transportation System Plan, and Refinement Area Plans to build complete communities
- T6B – When City designates Climate Friendly Areas, identify and pursue additional opportunities to increase housing and multimodal options for transportation and connectivity
- T6C – When amending the Transportation System Plan, do not prioritize projects that increase VMT

#### **T7 – Establish financial incentives to drive behavior change in transportation**

- T7A – Evaluate congestion pricing
- T7B – Identify additional areas for paid parking districts
- T7B – Expand the use of TDM programs for large employers through incentives or new requirements
- T7C – Continue to explore a city gas tax as a funding tool

### **Waste and Materials**

#### **W1 – Improve waste recovery through recycling**

- W1A – Improve recycling at multifamily residences by ensuring multifamily developments offer recycling services and have adequate infrastructure to encourage recycling
- W1B – Improve multifamily recycling by expanding and improving outreach and education at multifamily buildings

- W1C – Develop a recycling and waste reduction program targeting tourists, including hotels and resort communities
- W1D – Work with Deschutes County and waste haulers to address contamination in recycling through outreach and education
- W1E – Develop new programs to recover specific materials for the biggest areas of opportunity based on the landfill waste characterization study
- W1D – Support the expansion of solid waste infrastructure and facilities needed to increase waste recovery and meet the long term needs of the solid waste system, in partnership with Deschutes County and private waste companies
- W1E – Research and leverage existing state and federal waste recovery programs where relevant

**W2 – Expand use of low carbon concrete in City projects and new development**

- W2A – Track concrete use in City projects and increase the use of low carbon concrete in City projects
- W2B – Create incentives to encourage low carbon concrete in private development

**W3 – Improve food waste recovery**

- W3A - Increase participation in and access to food waste collection services, including expanding in the multifamily and commercial sectors
- W3B – Develop and deliver educational programs that teach and encourage residents to compost their food waste

**W4 – Improve recovery of construction and demolition waste**

- W4A – Research the waste management practices of local builders to understand specific barriers, opportunities and best practices to inform waste diversion programs
- W4B – Expand and develop new programs to increase the recovery of construction and demolition materials
- W4C – Encourage reuse of construction and demolition waste

**W5 – Encourage waste prevention and reducing consumption through outreach and education**

- W5A – Conduct outreach campaigns that promote waste prevention and reducing consumption, such as by connecting residents and businesses to local resources that prevent waste, like repair cafes
- W5B – Implement training programs for specific industries to prevent waste, such as the building and construction industry and the food and restaurant industry. Use local waste characterization data to prioritize target industries.
- W5C – Support the development and expansion of using reuseable service ware and containers for all foodservice establishments
- W5D – Create systems and policies to facilitate and encourage the use of personal reuseable containers for to-go and take-away food service
- W5E – Encourage re-use by supporting gear swap events, community garage sales, and repair cafes in neighborhoods
- W5F – Demonstrate City leadership in promoting re-use by shifting from single use to reuseable items in City operations at City events

- W5G – Research models of and support the development of centralized materials exchange forums

**W6 – Encourage food waste prevention through outreach and education**

- W6A - Conduct outreach campaigns that promote food waste prevention and low carbon food waste choices
- W6B - Research food waste prevention programs and processes at schools and universities to identify potential partnerships and inform future programming

**W7 - Promote low-carbon food choices**

- W7A - Prioritize and promote the offering of plant-based foods for City government events and meetings
- W7B – Conduct outreach campaigns that promote low carbon food choices