Presentation overview

• Brief history of climate planning (1993 – 2015)
• Post-2015: 100% Renewables, PCEF, Climate Emergency Declaration
• Climate and land-use intersections
  o Fossil fuel terminal zoning
  o EV-ready codes
  o Central City recovery
• What’s next?
Legacy of leadership
GUIDING PRINCIPLES

Portland Clean Energy Community Benefits Fund

Focused on climate action with multiple benefits.

Justice Driven

Accountable

Community-powered
Now, therefore be it resolved, that the Portland City Council declares that a human-made climate emergency threatens our city, our region, our state, our nation, humanity, and the natural world, and that such an emergency calls for an immediate mobilization effort initiating greater action, resources, and collaboration that prioritizes frontline communities to restore a safe climate.

Climate Emergency Declaration
June 30, 2020 (Resolution No. 37494)
Fossil fuel terminal zoning
EV-ready housing
Central City recovery

- Traffic-free streets and activation
- Flexible land use approaches
- Food carts/micro-enterprise
- Green loop
- Complete neighborhoods
- Climate and energy
- Houseless crisis support and interventions
We are not on target
Thank you

Contact

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City of Corvallis Climate Action

Corvallis, Oregon

- Population: 58,856 (2019 estimate)
- Home to Oregon State University
- 90 miles south of Portland
History

2015: Community members draft a Climate Action Plan.
   - City Council creates a task force to move the project forward
   - Public Process

2016: Climate Action Plan adopted by City Council
   - Community Actions
   - Municipal Operations Actions
   - Mitigation and Adaptation

2017: Climate Action Task force recommends an implementation strategy

2018: Climate Action Advisory Board (CAAB) begins meeting
Moving Forward

- Municipal operations actions started relatively quickly
- Community actions have taken more time
Community Projects

- Where do we start?
- What tools do we have?
- What tools do we need?
  - Staff?
  - Funding?

<table>
<thead>
<tr>
<th>STRATEGY</th>
<th>ACTION</th>
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<tbody>
<tr>
<td>Energy Conservation, Efficiency, and</td>
<td>Increase deployment of energy efficiency improvements (such as</td>
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<tr>
<td>Renewables</td>
<td>weatherization, solar attic vents, daylighting, shading, insulation of</td>
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<td>foundations, fuel efficient appliances, etc.) in new and existing</td>
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<td>buildings, as well as onsite renewables for commercial and residential</td>
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<td>sectors.</td>
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Starting to get traction

- $100K funding in FY19/20 Budget
  - Climate Revolving Loan Program
  - Solar inventory of commercial buildings
  - Grant for heat pump installation
  - Bicycle wayfinding signs
- Mix of staff projects and CAAB work
- Pandemic response = discussions about how we use public space
- Home Energy Score
- E-bike incentive program
  - Grant from Pacific Power/Clean Fuels Program
Metrics (Pros and Cons)

Corvallis Greenhouse Gas Emissions

3.75% annual reduction needed

Corvallis Community Emissions, 2012 and 2018

<table>
<thead>
<tr>
<th>Category</th>
<th>2012</th>
<th>2018</th>
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<tbody>
<tr>
<td>Natural Gas</td>
<td>184,003</td>
<td>185,490</td>
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<tr>
<td>Electricity</td>
<td>354,685</td>
<td>342,212</td>
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<tr>
<td>Transportation</td>
<td>146,273</td>
<td>159,576</td>
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<td>Air Travel</td>
<td>35,603</td>
<td>29,478</td>
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<td>Solid Waste</td>
<td>11,924</td>
<td>12,981</td>
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<tr>
<td>Wastewater Treatment</td>
<td>1,436</td>
<td>1,539</td>
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<tr>
<td>Food, Goods, and Services</td>
<td>507,270</td>
<td>567,075</td>
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</table>
Lessons Learned

- Plan with implementation in mind
- Layout core implementation steps at the time of plan review and adoption
- Understand your tools
- Prioritize efforts
- Figure out how ideas become “real”
- Continue to engage the community
Send me your ideas

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Milwaukie Community Climate Action Plan

Climate in Comprehensive Planning
June 18th, 2021

Natalie Rogers
Climate Action and Sustainability Coordinator
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How much does Milwaukie contribute?
Community engagement – by the numbers

17
CAPC members

51
Implementation partner workshop attendees

14
Spanish language focus group attendees

75
Climate Action Fair and Summit attendees

101
Valid survey responses
**CAP Goals and Actions**

**Carbon reduction goals***

- **2030**
  - **Net zero electricity**
    By becoming more energy efficient and using renewable electricity sources, Milwaukee’s net emissions from electricity are zero.

- **2035**
  - **Net zero building energy**
    By sourcing renewable natural gas and offsetting gas emissions, Milwaukee’s net building energy emissions are zero.

- **2045**
  - **Carbon neutral city**
    By changing our habits, switching to lower-emission fuels and offsetting emissions, Milwaukee’s net CO₂ emissions are zero.

- **2040**
  - **Increasing canopy cover to 40%**
    Expanding our urban forest from 26% to 40% by planting, protecting, and promoting healthy trees in Milwaukee

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**53 city-led actions**

- **Building energy and efficiency**
- **Vehicles and fuels**
- **Land use and transportation planning**
- **Materials use, purchasing and recovery**
- **Natural resources**
- **Public health and emergency preparedness**

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*Accelerated five years with Climate Emergency Declaration
“In 2040, Milwaukie is a flourishing city that is entirely equitable, delightfully livable, and completely sustainable…. Milwaukie nurtures a verdant canopy of beneficial trees, promotes sustainable development, and is a net-zero energy city.”
– Milwaukie 2040 Community Vision
GOAL 6.1 - BUILT ENVIRONMENT Create a built environment that prioritizes energy efficiency and climate resiliency and seamlessly integrates the natural environment.

- POLICY 6.1.4 Develop standards and guidelines that contribute to a 40% citywide tree canopy.
- POLICY 6.1.5 Create a more energy efficient land use pattern that includes but is not limited to infill and cluster development, neighborhood hubs and increased density.

GOAL 6.2 - TRANSPORTATION AND UTILITY INFRASTRUCTURE Maintain and expand Milwaukie’s transportation and utility infrastructure in a manner that facilitates greater redundancy, resiliency, energy conservation, and emissions reductions.

GOAL 6.3 - ADAPTATION AND MITIGATION Ensure that the Milwaukie community is informed and prepared to address a changing climate and the need to modify historic norms and behavior.

- POLICY 6.3.10 Consider increased population growth due to climate refugees, moving to the area to escape less hospitable climates, and identify metrics and triggers for when additional planning is needed to address potential impacts to housing, infrastructure, and the economy.
Comprehensive Plan Implementation *Phase I*

- Middle Housing (HB 2001)
- Address increased housing demand
- **Provide flexibility in design to limit tradeoffs**

- 40% canopy goal
- 80% trees on private property
- **Private tree code emphasizing tree preservation and mitigation**

- Parking reduction action in CAP
- EV charging considerations
- Explore parking demand
- **Offer flexibility in design**

Adoption in 2021/2022
Until then....
Thank you!

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Learn more at MilwaukieClimateAction.com!