



Update on Building Decarbonization Strategies

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Agenda

1. Background and Context
2. Update on Implementation



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Background and Context

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City of Eugene's Climate Work

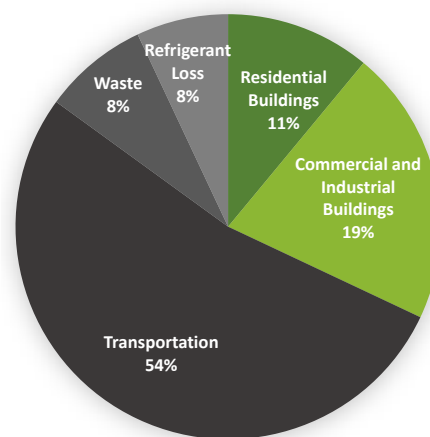
Climate Recovery Ordinance

Climate Action Plan 2.0

Current Areas of Focus

Transportation
Buildings
 Waste
 Urban Forestry
 Purchasing & Consumption
 Resilience

Eugene's GHG Emissions

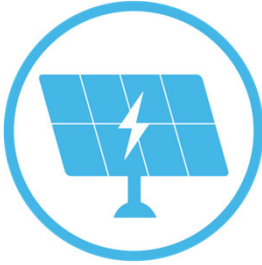


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Eugene Sustainability

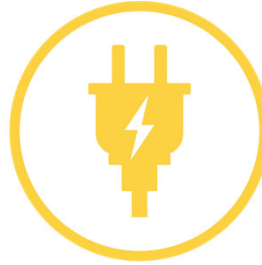
Defining Building Decarbonization



Clean Energy



Energy Efficiency



Electrification



Energy Recovery

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Community Engagement

- 800+ people
- 100+ businesses
- 6 themes
- 16 strategies



Focus group at Peace Village Housing Cooperative.

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Themes from Engagement

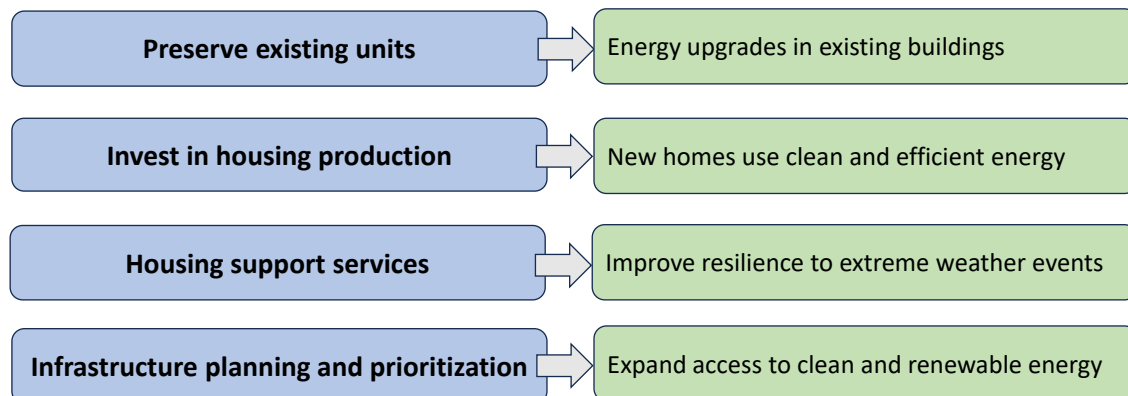
- 1 Expand incentives for decarbonization
- 2 Provide education, assistance and support
- 3 Ensure equitable distribution of decarbonization benefits
- 4 Ensure clean, reliable and affordable energy
- 5 Improve community resilience to extreme weather events
- 6 Continue meaningful engagement with stakeholders

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Related Housing Priorities



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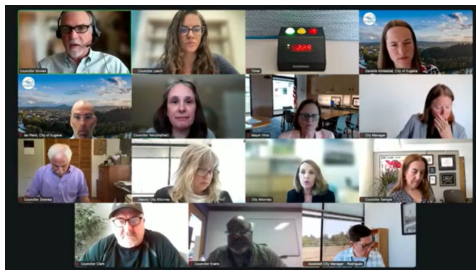


Update on Implementation

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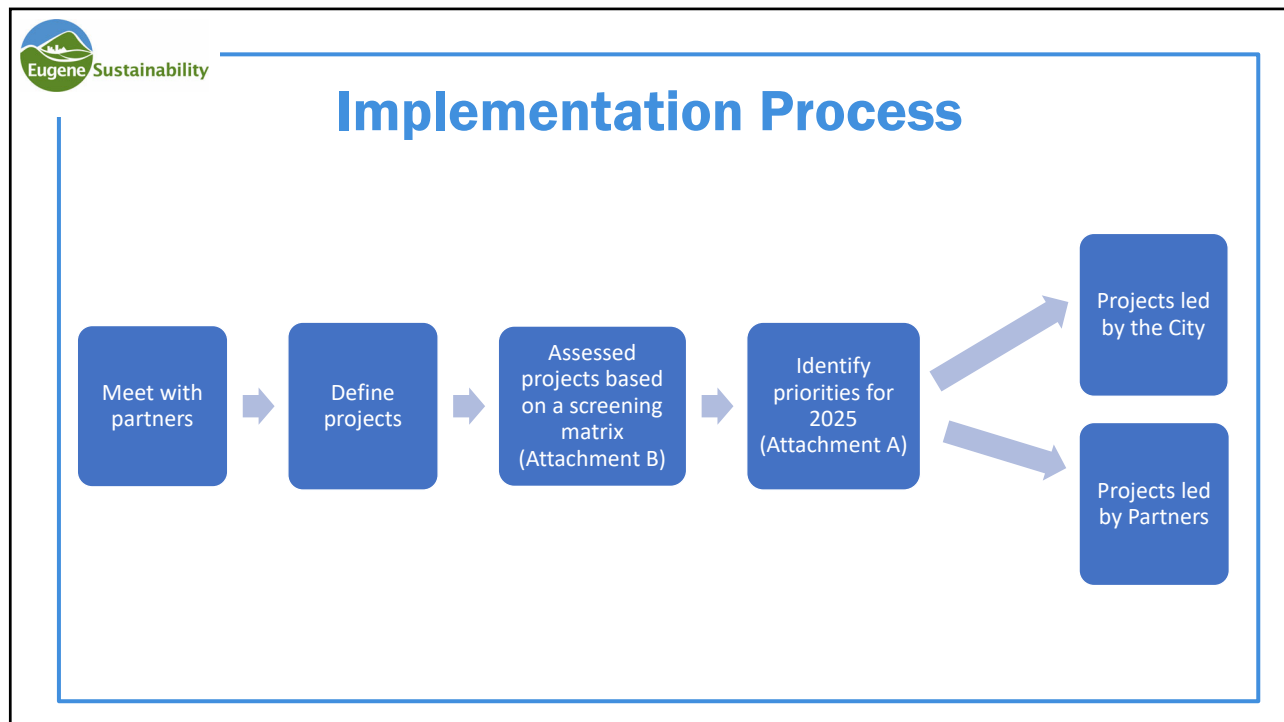
July 2024 City Council Motions



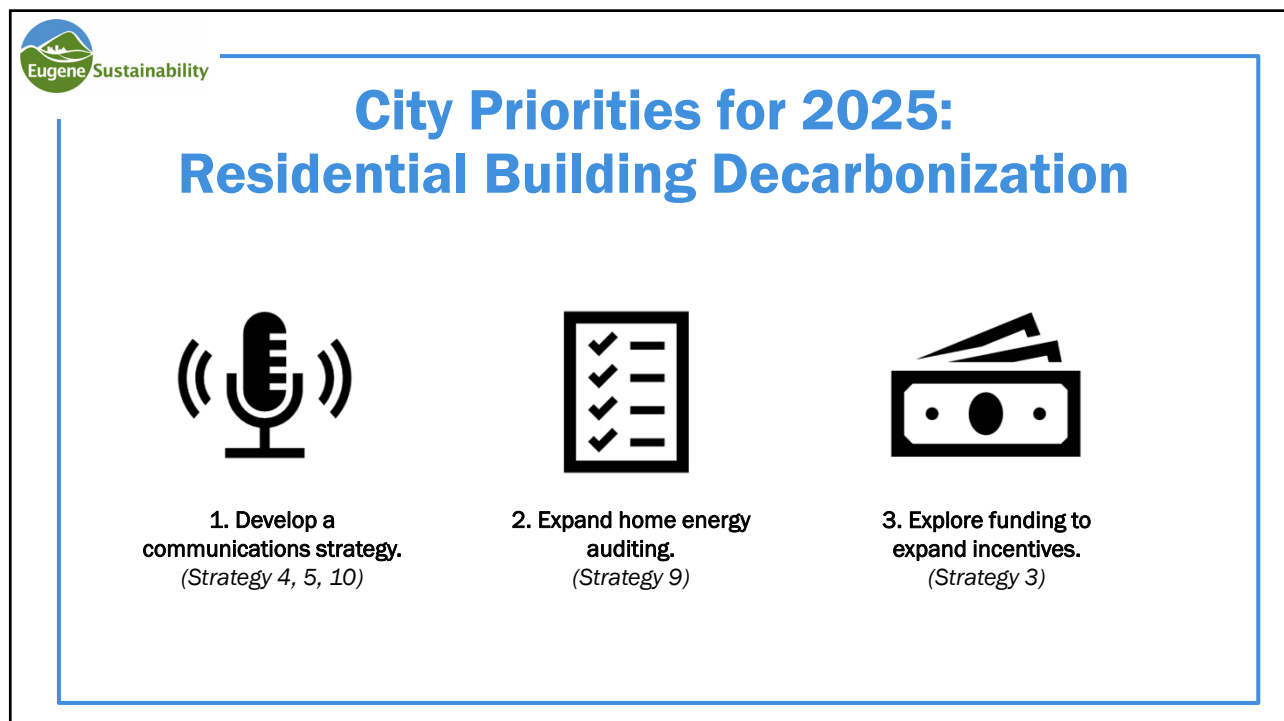
City Council Work Session on July 17th, 2024

1. Direct the City Manager to return to Council prior to the end of 2024 to discuss a potential pathway forward and potential consequences for implementing the strategies presented by staff to decarbonize homes and buildings in Eugene and monitoring regulatory actions being taken by other jurisdictions for possible local adoption. *Passed 7:0*
2. Direct the city manager to return to council prior to the end of 2024 for a discussion of the potential revenue sources that were identified by the revenue advisors for funding decarbonization and GHG emission reduction efforts with an emphasis on serving low-income households, BIPOC and other disadvantaged households. *Passed 7:0*

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City Priorities for 2025: Commercial Building Decarbonization



4. Foster sector-specific learning among businesses.
(Strategy 6)



5. Research new green building public benefit requirements.
(Strategy 2)



6. Assist building owners with navigating new Building Performance Standards.
(Strategy 7)



7. Continue to decarbonize City buildings and facilities.
(Strategy 8)

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Strategies led by other Partners

Lead Partner	Project	City Role
Beyond Toxics	Grant to expand their clean energy project	Assist with project development
Lane County	Build a regional network of resilience hubs	Engage on emergency preparedness
BRING Chamber of Commerce	Recognize and convene businesses for sustainability efforts	Partner on messaging Assist with developing programming
ODOE	Develop an online incentive navigator tool Develop "Solar for All" program	Track development
EWEB	Negotiate contract with BPA Forecast future energy demand and supply Identify local opportunities for energy efficiency	Track development
NW Natural	Geothermal network pilot project in Vancouver, WA	Track development

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Policy Tracking in other Jurisdictions

1. Emissions and Appliance Standards	<ul style="list-style-type: none"> • <u>Bend, OR</u>: Under consideration • <u>Ashland, OR</u>: Under consideration • <u>Los Altos Hills, CA</u>: Passed a zero NOx emissions standard • <u>California Air Resources Board</u>: Developing a zero emissions standard
2. Geothermal Energy Networks	<ul style="list-style-type: none"> • <u>Framingham, MA</u>: Pilot project underway • <u>New Haven, CT</u>: Pilot project planned • <u>Washington</u>: thermal energy network legislation, NW Natural pilot in WA
3. State Preemption of Home Rule	<ul style="list-style-type: none"> • <u>Nationally</u>: 26 states with gas-ban preemption laws • <u>Washington</u>: Initiative 2066

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In Summary

1. Implementing projects
2. Supporting projects led by partners
3. Tracking policy development in other jurisdictions
4. Another update as part of 2025 CAP2.0 update.



Electric heat pumps at Peace Village, a multi-family housing site in Santa Clara.

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Questions? Comments? Concerns?

