

Cherriots Climate Action Plan

Board of Directors Meeting | March 27, 2025

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//////////////////// BUILDING VALUE THROUGH EXPERTISE



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Purpose, Outcomes, and Process

Purpose

To review progress to date on Cherriots Climate Action Plan (CAP) and solicit the Board's perspective on key priorities and outcomes for the CAP.

Outcomes

- Shared understanding of CAP process and progress to date.
- Understanding of Board's perspective and vision for CAP.
- Identified themes and priorities for integration into CAP strategies.

Process (Agenda)

1. Climate Action Plan Overview
2. Baseline Conditions Findings
3. Visioning Discussion
4. Next Steps

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Climate Action Plan Overview



About this Climate Action Plan

Overview

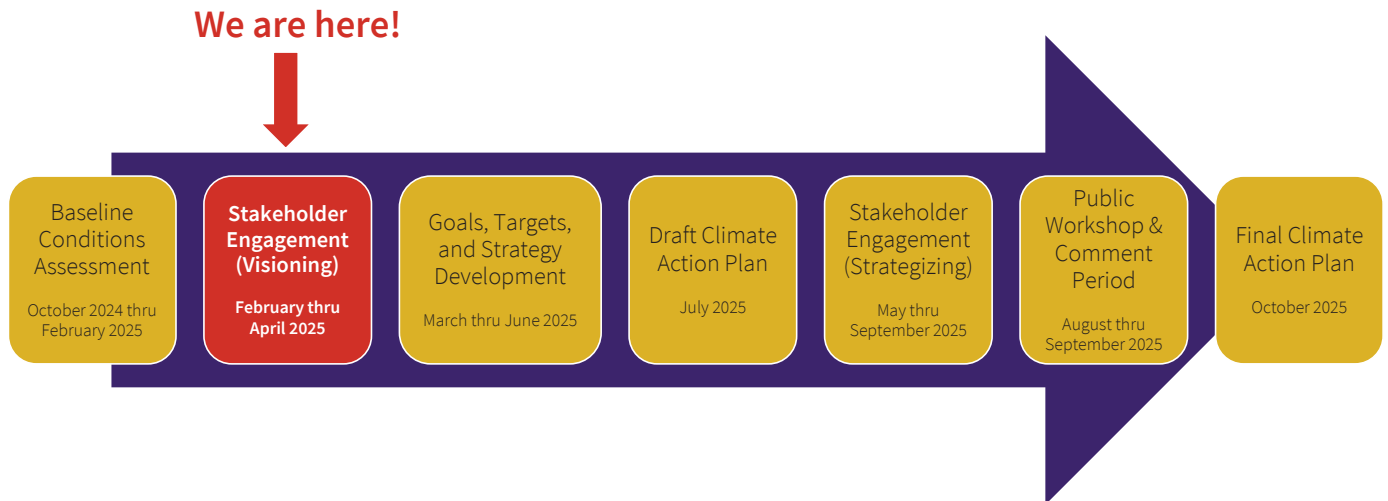
Cherriots has contracted with consultant partner Cumming Group to prepare its Climate Action Plan.

The plan will be delivered by October 2025, and will be informed by a baseline conditions assessment, internal and external stakeholder engagement, and the best and most current climate science.

The Climate Action Plan will set goals, targets, and strategies for Cherriots to:

- **decarbonize operations** in alignment with State and Federal targets; and
- **bolster climate resilience** for infrastructure and communities served

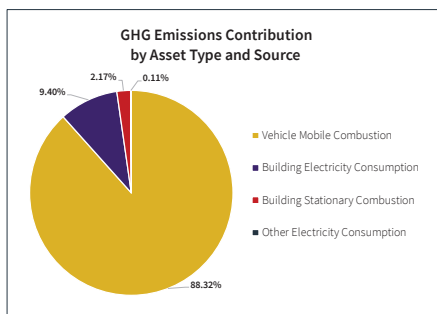
Climate Action Plan Timeline



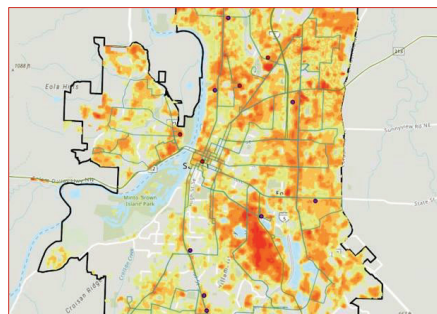
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Climate Action Plan Components

Policy Overview and Greenhouse Gas Emissions Projections



Climate Vulnerability and Risk Assessment



Internal and External Stakeholder Engagement



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Baseline Conditions Findings

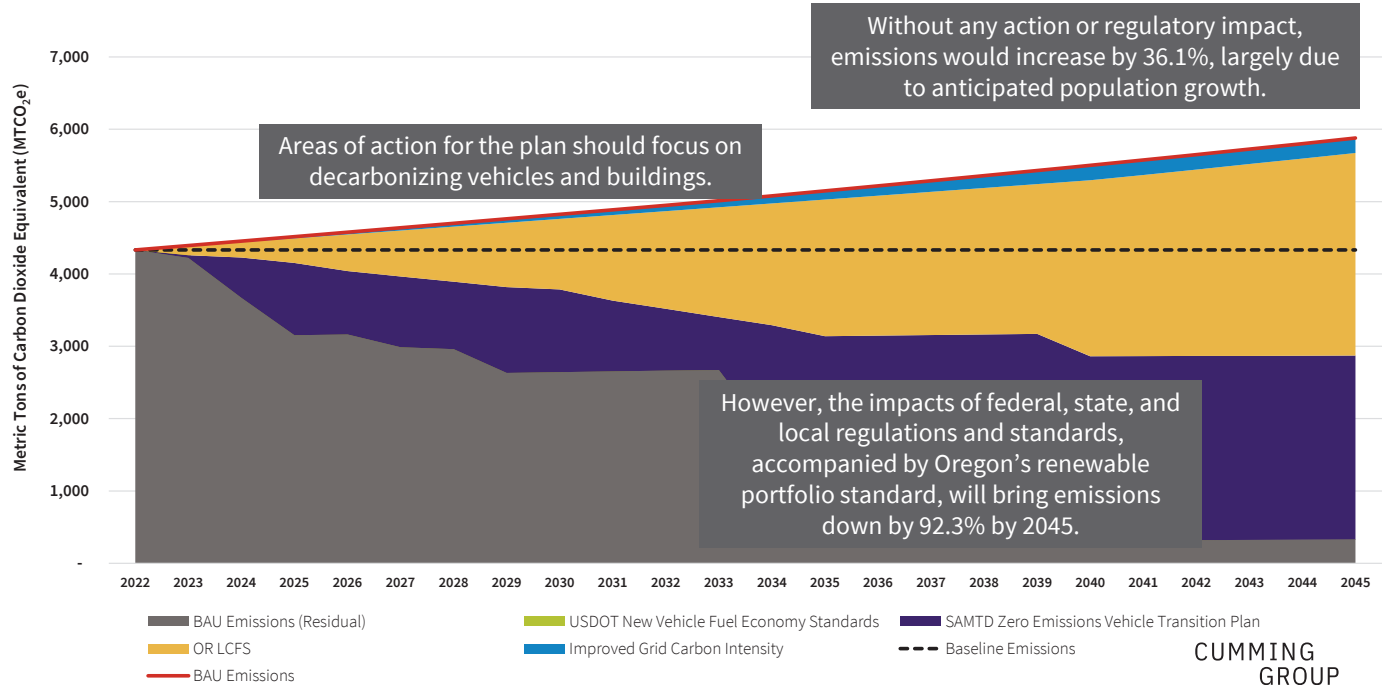


Evaluating Baseline Conditions

Approach

- Literature review of pertinent plans, projects, and policies, including:
 - Cherriots plans
 - Local municipal and county plans
 - Transit/transportation plans
 - Statewide plans, reports, studies, and resources
 - Statewide legislation, policy, and regulatory drivers
- Evaluate 2022 GHG Emissions Inventory and project business-as-planned emissions through 2045.
- Assess most relevant climate hazards to Cherriots service area and evaluate exposure for infrastructure and communities.

Greenhouse Gas Emissions Findings



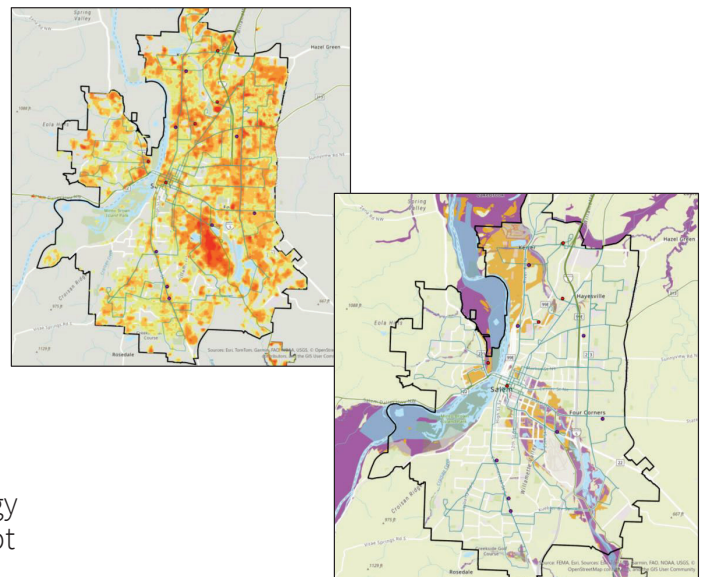
Climate Vulnerability and Risk Findings

Pertinent climate hazards:

- Extreme temperatures
- Extreme precipitation, flooding, high-water events
- Landslides
- Wildfires and smoke events

Infrastructure at greatest risk:

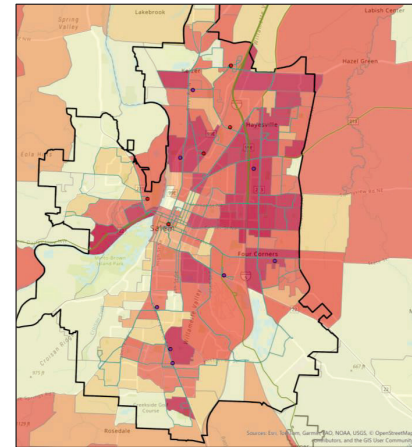
- **High heat** can degrade and destabilize transportation infrastructure, cast iron, and concrete; heat can overheat powerlines, potentially leading to blackouts.
- **Flooding** can damage roadways, bridges, energy equipment, and power lines, which can interrupt and operations and damage assets.



Climate Vulnerability and Risk Findings

Areas or groups within the service area with the highest climate risk and sensitivity:

- Senior population (65+)
- Heat
 - Airport Road Park and Ride
 - Routes/stops near Salem Municipal Airport
 - Contracted Services Facility & Charging (Hyacinth)
- Flooding
 - Del Webb Maintenance Facility & Operations HQ
 - Keizer Safeway Park and Ride
 - Fred Meyer North Park and Ride
 - West Salem Transit Center
 - Routes/stops adjacent to the Willamette River



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Baseline Conditions Assessment

Takeaways

- Greatest opportunities lie in collaborating with regional and state partners to fund and implement measures to decarbonize transportation and build resilience.
- Extreme heat and flooding pose the greatest risk to Cherriots assets and service area.
- Complying with Federal, State, and local regulations and standards is critical in reducing agency emissions into 2045. In addition to compliance, Salem should prioritize building and fleet electrification.

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Envisioning Cherriots Climate Action Plan



Stakeholder Engagement - Visioning

Who we are engaging

Through February and March, our team has engaged or will be speaking to:

Internal Stakeholders

- Board of Directors
- Sustainability Committee
- Executive Leadership Team
- Managers
- Operations Staff
- Administrative Staff

External Stakeholders

- City of Salem
- City of Keizer
- Marion County
- Polk County
- Mid-Willamette Valley Council of Governments
- Peer transit agencies (TriMet and LTD)
- Oregon Department of Transportation



Understanding your vision for this CAP

Purpose

We want to hear your vision for Cherriots climate action efforts. Our questions will cover:

- What kind of goals or targets you want to set through this plan
- Areas of greatest opportunity to decarbonize operations and services
- Areas of greatest opportunity to bolster infrastructural and community-wide climate resilience
- Concerns you may have about the Climate Action Plan (e.g., feasibility, resources, funding, impact to services)
- Opportunities for partnership across the region and the State

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Next Steps

Next Steps

In the coming weeks...

Your comments, alongside those of other stakeholders, will be used to inform the initial overlay of CAP goals, targets, and strategies. We will also issue a broader public survey to assess community priorities.

Looking further ahead...



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