



# Community Climate Action Plan 2.0

Wednesday, July 29th, 2020

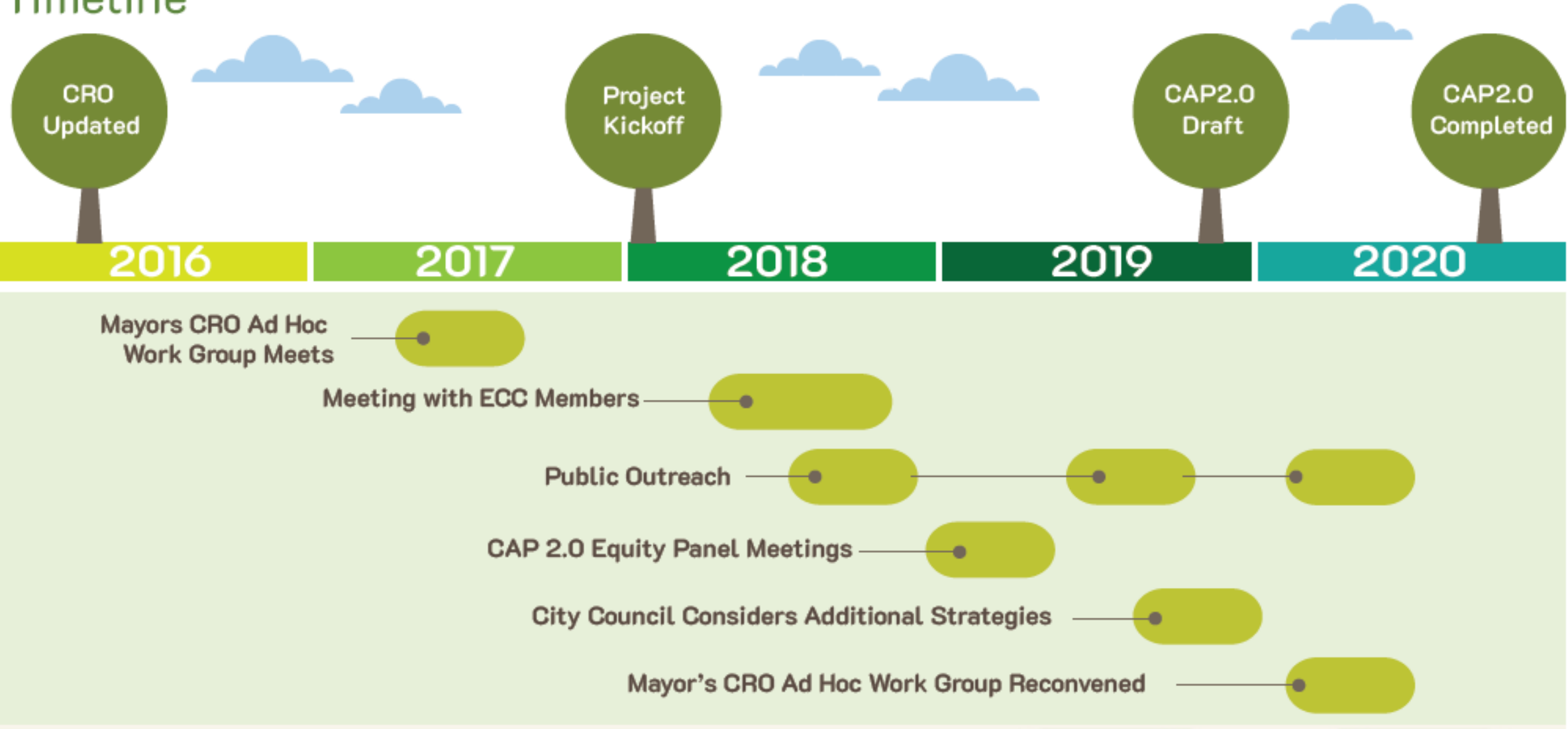
The cover features a photograph of a body of water with reeds and red flowers in the foreground, and a line of trees in the background under a clear blue sky. The title is centered in the upper half.

Eugene's Community  
Climate Action Plan 2.0:  
A Roadmap for Eugene's Climate Journey

Summer 2020

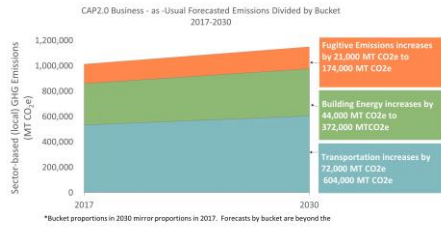
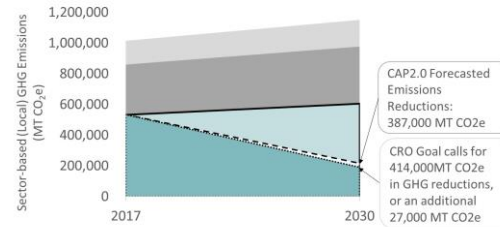
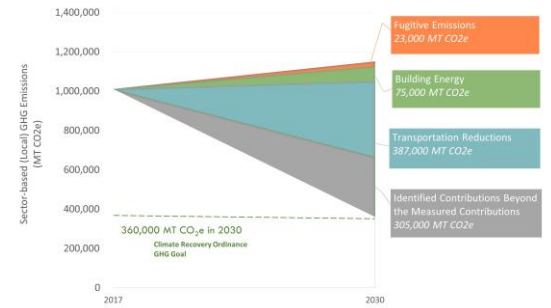


# Timeline





# Data-Driven Roadmap to Climate Action



**2030 Goal:** 790,000 MT CO<sub>2</sub>e

# Pathway to the CRO



# Commitment to Action - Mitigation and Resiliency Plan

# Guiding Plans and Policies

## Transportation

- Transportation System Plan
- Envision Eugene
- Eugene's Electric Vehicle Strategy

## Building Energy

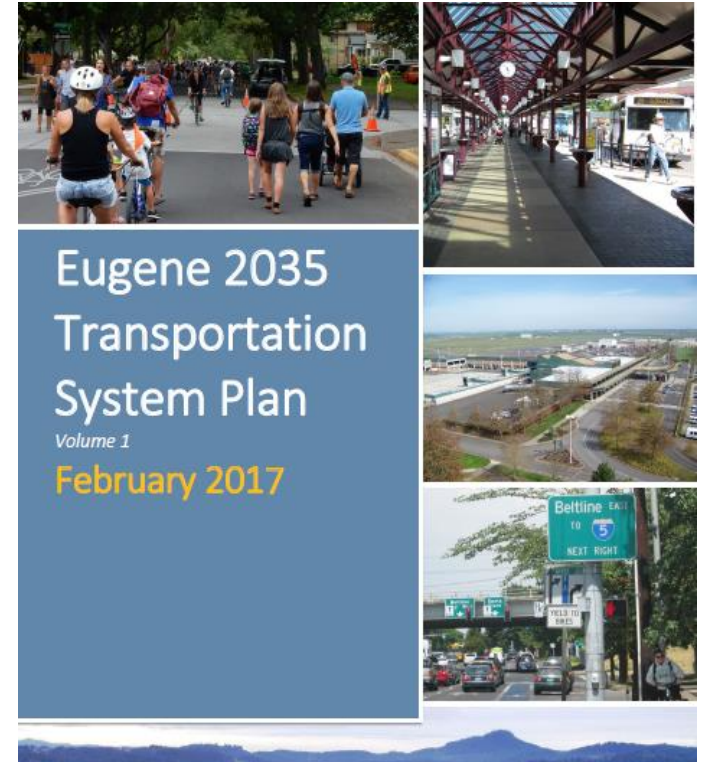
- EWEB's Electricity Supply Plan
- Northwest Natural's Low Carbon Pathway

## Fugitive Emissions

- Lane County Solid Waste Management Plan

## Resiliency

- Natural Hazards Mitigation Plan



# Commitment to Action

- **115** City of Eugene and Eugene Climate Collaborative Actions
- **25** State and Federal Actions
- **41** Equity Panel Recommendations



## Fugitive Emissions

Fugitive emissions come from waste and refrigerant leakage. The largest source of fugitive emissions come from Short Mountain Landfill and the wastewater treatment plants that serve everyone in our community. These emissions combined with fugitive refrigerants comprise about 15% of local GHGs. The fugitive refrigerants come from our cooling of interior spaces as well as keeping food cold to avoid spoilage. While the Montreal Accord began the worldwide transition to lower GHG refrigerants, fugitive emissions from refrigerants are on the rise across the state.

To reduce fugitive emissions in the solid waste system, we need to both reduce the volume of organic waste (mostly food and yard waste) as well as do a better job collecting the gas that is generated from the rotting of food and plant material.

To reduce the loss of refrigerants, we need to encourage our building owners and operators to better maintain their cooling and refrigeration systems to avoid leaks, and whenever possible to choose a refrigerant gas that functions with a lower GWP.

## Fugitive Emissions Key Plans and Policies

Lane County Solid Waste Management Plan. Lane County is the state-designated Solid Waste Authority for the Lane County Wasteshed. Through this authority, Lane County developed the Solid Waste Management Plan (SWMP) to align with state recovery goals and priorities and to coordinate solid waste management efforts

between the County, municipalities, industry stakeholders, and other community partners. The plan includes strategies and actions to achieve a variety of goals, including Lane County's goal to divert 63% of waste from the landfill by 2025. Actions F6-F12 provide link back to SWMP. This is not an exhaustive list of the items in the SWMP that will help Eugene achieve its climate goals.

## City of Eugene Actions

★ **Action F1** COE to operate and promote the Love Food Not Waste commercial food waste collection program. This partnership among local garbage haulers, commercial composters, the City of Eugene and area businesses makes sure that food scraps turn into valuable compost instead of taking up space in our landfill. Business can sign up for Love Food Not Waste through their garbage hauler.

★ **Action F2** COE to operate and promote the Curbside Compost Program. As of October 2019, Eugene customers who have residential garbage service have the option to put food waste in their yard debris bin instead of in the garbage.

**Action F3** COE to explore methods to capture biogas from organic waste and use it for renewable transport fuel. By 2025, COE will scope out the potential pathways to implement this action, including cost estimates. (CC Action)

★ ♦ **Action F4** COE to convene community partners who use products with large amounts of



# Building Our Community Capacity



# CAP2.0 Community Engagement

Chapter 8: Equity Panel

Chapter 9: Eugene Climate Collaborative

Chapter 10: Mayor's CRO Ad Hoc Work Group

Chapter 11: Individual Actions

Chapter 12: Community Engagement

# Sustainability Program CAP2.0 Implementation

## Community Engagement

- Reconvene Equity Panel
- Continue to staff Sustainability Commission
- Continue to convene Eugene Climate Collaborative
- Launch Communications and Behavior Change Campaign
- Develop Sustainable Business Engagement Strategy
- Develop CAP2.0 Dashboard
- Develop the new

## CAP2.0 Annual Report

- Update GHG Inventories

## Additional CAP2.0 Actions from City Council

- Northwest Natural Franchise Agreement
- Home Energy Score/Commercial Benchmarking Programs
- Energy Efficiency Program Options
- Align TSP with CRO Goals
- Electric Vehicle Strategy Implementation

- Reduce Refrigerant Loss
- Capture Biogas from Organic Waste
- State and Federal Actions

## City of Eugene Internal Climate Action Plan

- Continue to convene Internal Climate Teams
- Continue to consult on projects in fleet, facilities, fire, and other areas to align with CRO
- Purchase offsets to meet City of Eugene operational ghg reduction CRO goal



