



# EUGENE CLIMATE ACTION PLAN 2.0 LARGE-LEVER SHAREHOLDER CHAPTER MEETINGS

City Manager's Office, City of Eugene  
Good Company

# Livable and Equitable Eugene



# Agenda

- Welcome
  - Introductions
  - Overview of CAP2.0 Project Process
- Equity Overview
- Mitigation Discussion
  - Best Management Practices
  - Discussion: Large-Lever Shareholder Actions
- Adaptation Discussion
  - Review of future physical conditions
  - Discussion: Large-Lever Shareholder Actions
- Closing





# Introductions



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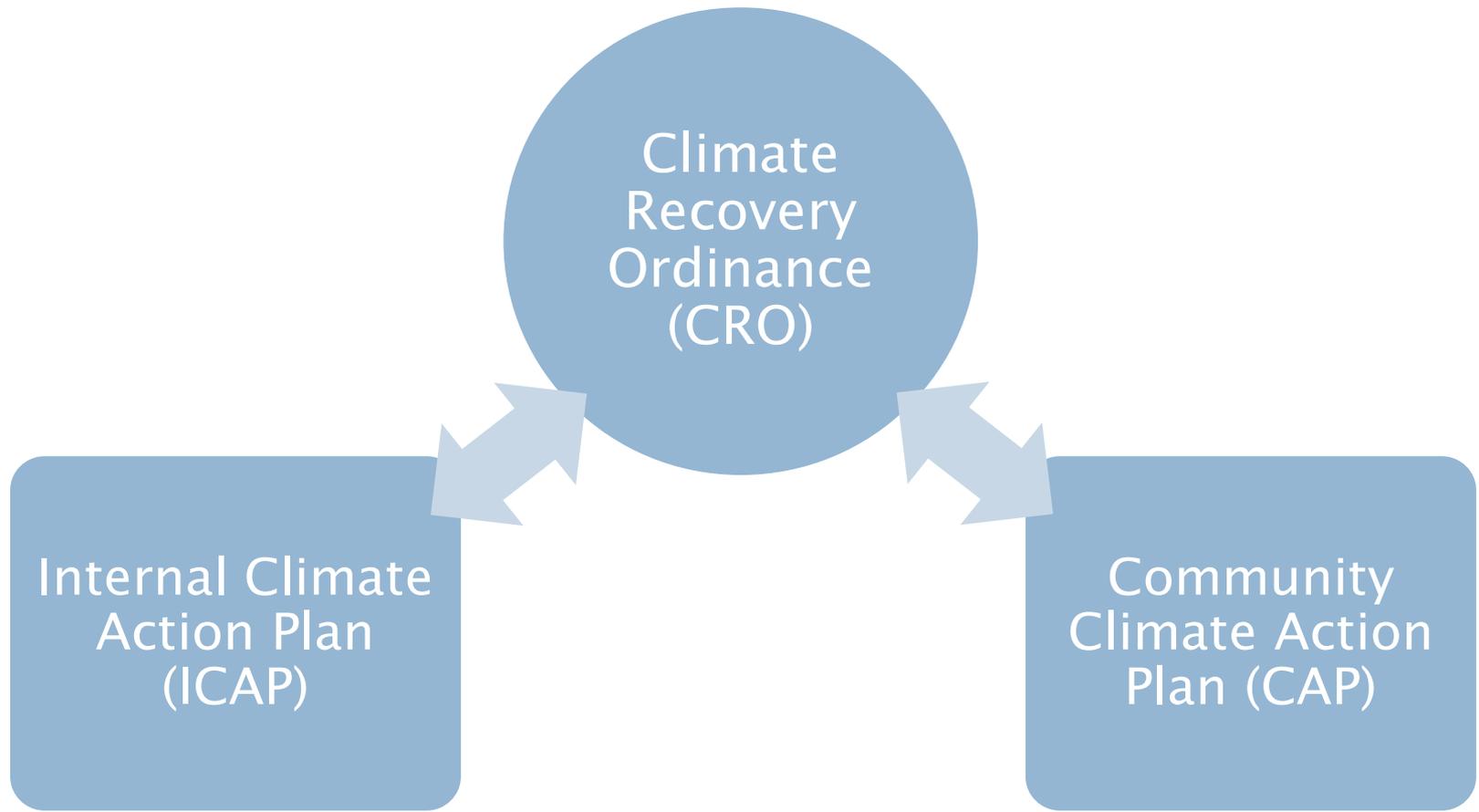
# Climate Recovery Ordinance and CAP2.0 Overview

# CRO Climate Action Goals

- Reduce City Organization GHG Emissions
  - ▣ Carbon neutral by 2020
- Reduce Fossil Fuel Use (City Organization)
  - ▣ 50% reduction by 2030
- Reduce Fossil Fuel Use (Community Wide)
  - ▣ 50% reduction by 2030
- Reduce Community Wide GHG Emissions
  - ▣ Science-based goal of 7.6% annual reduction



# The CRO, ICAP and the CAP



# Mayor's CRO Ad Hoc Work Group

**Members represented elected officials, city directors, community members, and business**

- Mayor Vinis
- Councilor Zelenka
- Councilor Evans
- Councilor Pryor
- Brittany Quick-Warner
- Corina McWilliams
- Howard Saxion
- Ingrid Kessler
- Jim Neu
- Jon Kloor
- Joshua Skov
- Kristie Hammitt
- Kurt Corey
- Mark Schoening
- Matt McRae
- Matthew Schroettnig
- Rob Zako



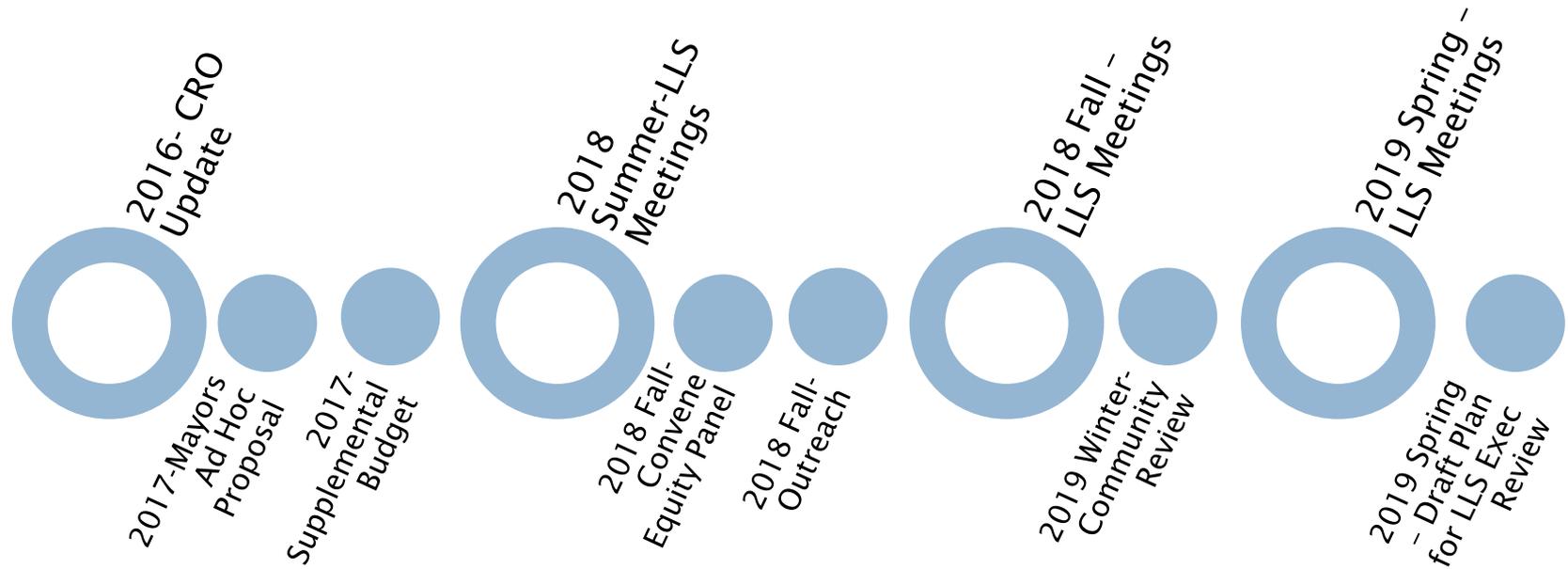
# Large-Lever Shareholder Engagement



- City of Eugene
- University of Oregon
- Lane Community College
- Eugene 4J School District
- Bethel School District
- Lane Transit District
- EWEB
- Northwest Natural
- Chamber of Commerce
- MWMC
- Lane County
- PeaceHealth



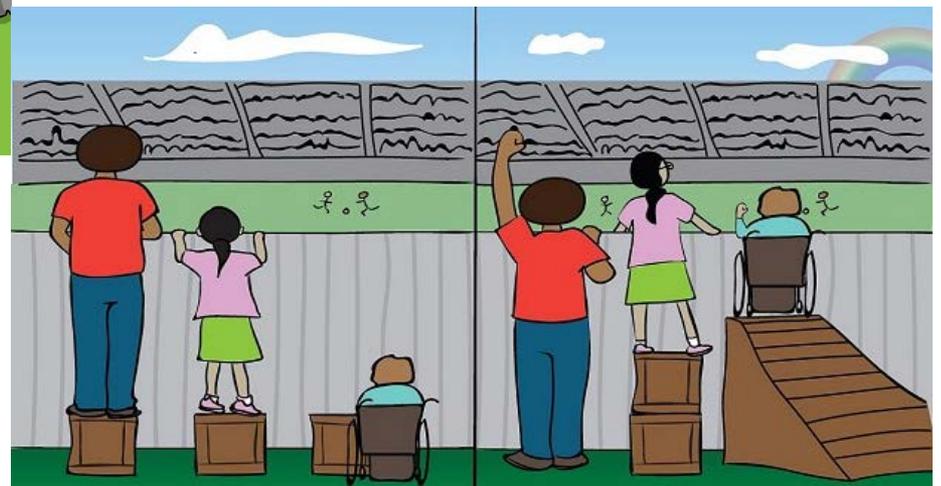
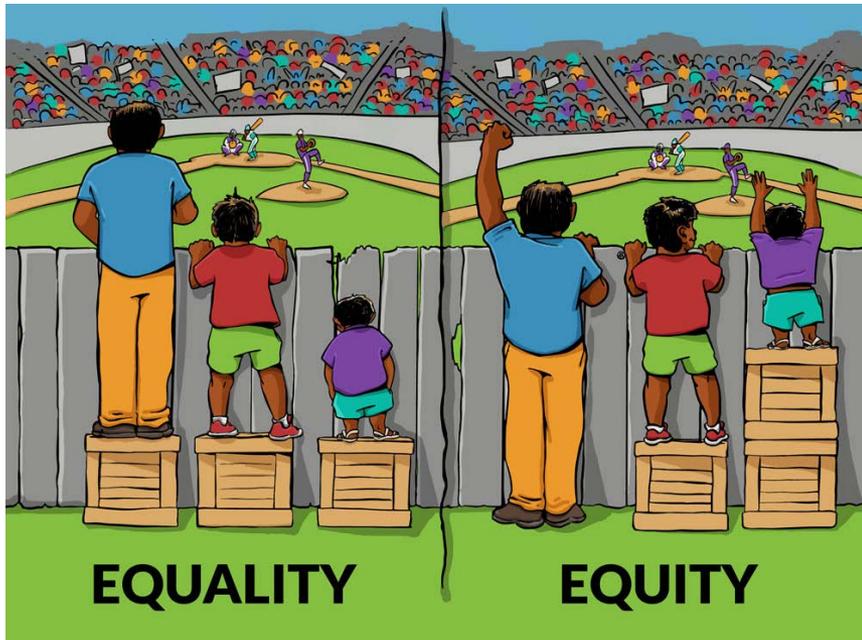
# CAP2.0 Timeline





# Equity Overview

# Equality vs. Equity



# Triple Bottom Line and the CAP Equity Lens

## **CAP Social Equity Lens**

The project team has identified the need to pay special attention to social equity throughout the CAP2.0. The following guiding questions are meant to support the project work in deepening the integration of social equity principles through the process and outcomes of the work.

### Guiding Questions:

1. Who are the most vulnerable and underserved communities impacted by this decision? How will our decision impact these communities?
2. Does the decision being made ignore or worsen existing disparities or produce other unintended consequences?
3. If there is an investment or resource allocation, how does that advance the social equity leg of the Triple Bottom Line?
4. What are the opportunities and barriers to more equitable outcomes? (e.g. mandated, political, emotional, financial, programmatic or managerial)
5. How have we intentionally involved stakeholders, impacted communities, technical experts, and other community members affected by this decision? Who else do we need to invite?
6. What's the mechanism for including more voices throughout the process?
7. How will we modify or enhance our strategies to ensure impacted and vulnerable communities' individual and cultural needs are met?
8. Do we have the data we need to understand which communities might be impacted? Can we effectively collect data on impacted or vulnerable communities for this decision or investment?



# Large-Lever Shareholder Discussion

- What is your organization's core equity statement?





# Best Management Practices



# Mitigation Actions

# Large-Lever Shareholder Discussion

- What high impact practices and/or other important practices does your organization plan on pursuing during the next 5-10 years?
- How do these actions incorporate and address opportunities and barriers for marginalized communities?





Break



# Adapting to Climate Change

## Local Impacts Overview

# Adaptation



## Dry Season

## Wet Season

## Other

Average summer increase of 10°F -12°F by 2100

Wildfire surface area increasing by 300-400% by 2040

Reduced stream flow by 40-60% in summer due to reduced snowmelt by 2040

Annual precipitation unchanged

Snowpack in the Cascades nearly gone by 2040

Rain flows in streams in near real time

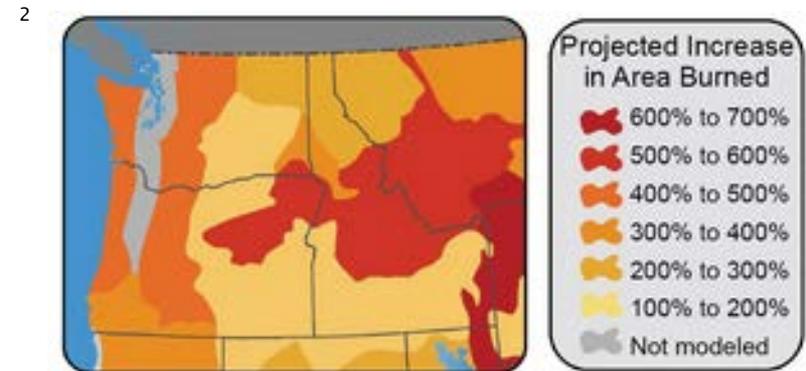
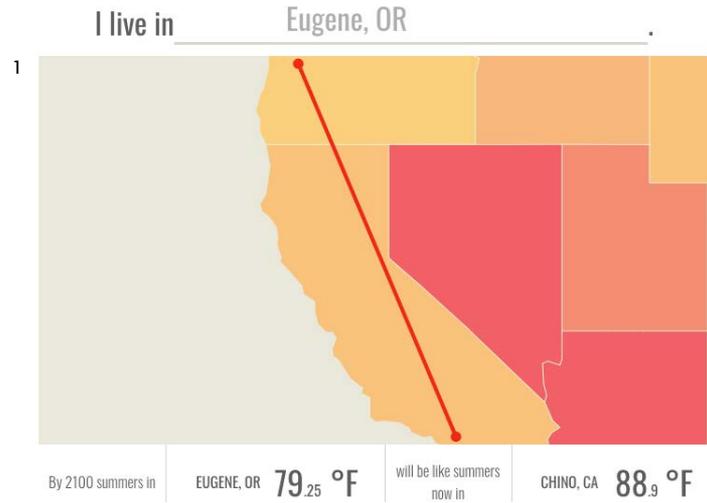
Changes in disease patterns

Population changes and climate migration

Conversion of subalpine forest to other vegetation types by 2080



# Adaptation – Dry Season

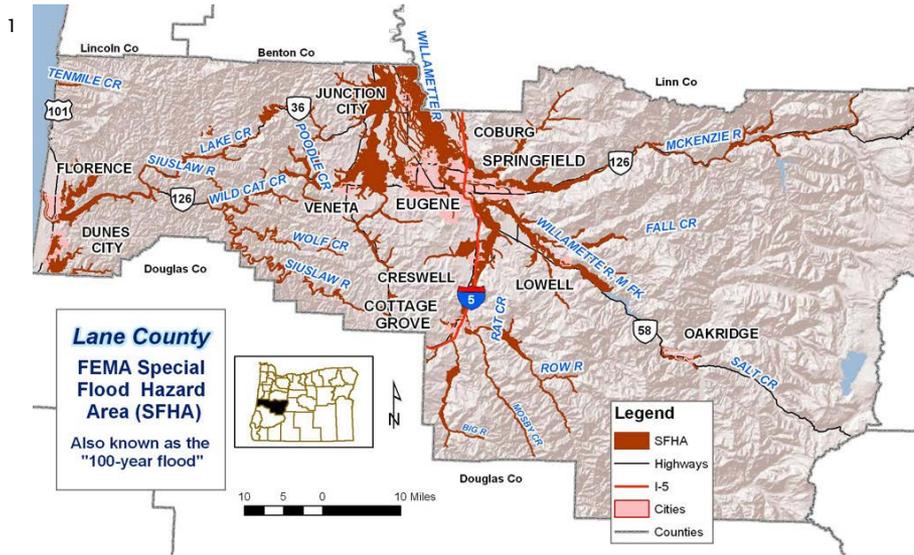


[1] Climate Central, [Summer Temperatures 1001 Cities Tool](#).

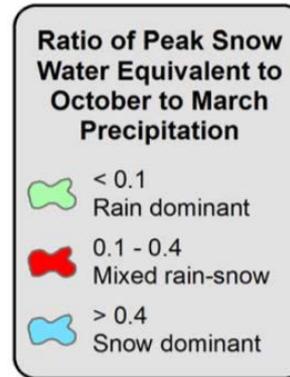
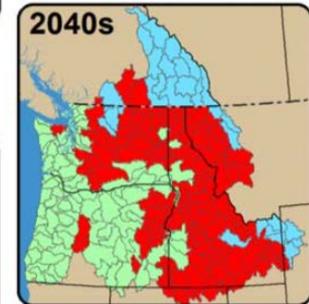
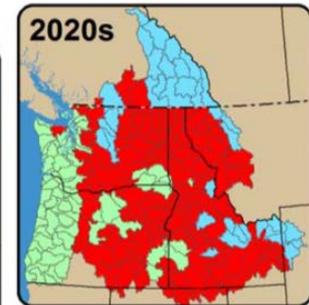
[2] Portland General Electric, OCCRI Report, Published as part of PGE's [2016 Integrated Resource Plan](#).

[3] Image of the Willamette River

# Adaptation – Wet Season



2 **Historical**



[1] Lane County FEMA 100-Year Flood [Special Flood Hazard Map](#)

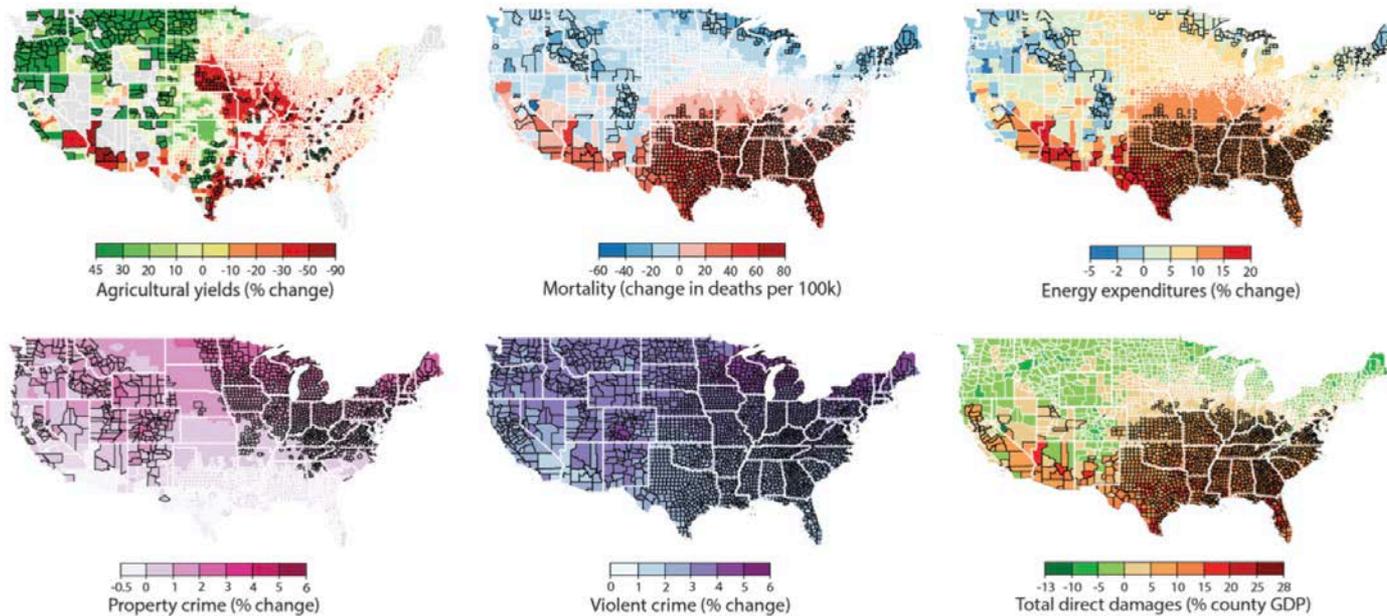
[2] Portland General Electric, OCCRI Report, Published as part of PGE's [2016 Integrated Resource Plan](#).

# Adaptation – Population

1, 2

Population	Eugene	Lane County
2017	167,780	370,600
2035	224,712	428,816
2065	273,234	513,982

3



[1] Portland State University 2017 Population Estimates and Reports

[2] Portland State University Lane County Coordinated Population Forecast 2015 through 2065

[3] Estimating Economic Damage from Climate Change in the United States <http://science.sciencemag.org/content/356/6345/1362>



# Adaptation Actions

# Large-Lever Shareholder Discussion

- What practices does your organization plan on pursuing during the next 5-10 years that will help the community adapt to climate change? Please mention practices with both systematic impact and those with other important triple bottom line benefits.
- How do these practices incorporate and address opportunities and barriers for marginalized communities?





# Closing