

CLIMATE ACTION PLAN 2.0

Buildings and Energy



Mitigation heavy. Adaptation light.

What can be done to reduce the need for building energy (efficiency and weatherization), what can be done to source renewable and low carbon energy onsite or offsite, and what can be done that will keep people more comfortable and safe given future physical conditions?

Wednesday, July 11, 2018 – 2-5 p.m.
Miller Room, 107 (North Side), Erb Memorial Union (EMU)
University of Oregon
1395 University St., Eugene

1. **Welcome, Introductions, and CAP2.0 Project Overview (30 minutes)**
2. **Equity Overview (15 minutes)**
The CAP2.0 Large-Lever Shareholders share a common commitment to equity. As we begin our discussion on equity, please be prepared to share **your organization's core equity statement (approximately 1-3 sentences)**.
3. **Buildings and Energy Best Management Practices (15 minutes)**
4. **Large-Lever Shareholder Mitigation Actions Discussion (60 minutes)**
The CAP2.0 seeks to map out high impact practices that will significantly reduce greenhouse gas emissions (ghgs), as well as, understand other important practices that implement your triple bottom line community goals. During this portion of the meeting, each Large-Lever Shareholder will be asked to share:
 - a. **What high impact practices and/or other important practices does your organization plan on pursuing during the next 5-10 years?**
 - b. **How do these actions incorporate and address opportunities and barriers for marginalized communities?**
5. **Break (10 minutes)**
6. **Adapting to Climate Change – Local Impacts Overview (10 minutes)**
7. **Large-Lever Shareholder Adaptation Actions Discussion (20 minutes)**
The CAP2.0 will also map practices that help the community adapt to climate change. Some practices may have systematic impact. Other important practices may have a smaller impact, but are important for furthering triple bottom line outcomes. During this portion of the meeting, each Large-Lever Shareholder will be asked to share:
 - a. **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.**
 - b. **How do these practices incorporate and address opportunities and barriers for marginalized communities?**
8. **Closing (10 minutes)**



Eugene's Triple Bottom Line Vision And CAP Social Equity Lens



As we work to implement the City of Eugene's Climate Recovery Ordinance and to increase our community's resiliency towards climate change, we will be using the City Council's vision to guide our work. The vision describes the three legs of the Triple Bottom Line framework.

Social Equity

Value all people, encouraging respect and appreciation for diversity, equity, justice, and social well-being. We recognize and appreciate our differences and embrace our common humanity as the source of our strength.

Environmental Stewardship

Be responsible stewards of our physical assets and natural resources. We will sustain our clean air and water, beautiful parks and open spaces, and livable and safe neighborhoods; and foster a vibrant downtown, including a stable infrastructure.

Economic Prosperity

Encourage a strong, sustainable and vibrant economy, fully utilizing our educational and cultural assets, so that every person has an opportunity to achieve financial security.

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?



Buildings and Energy Best Practices



Mitigation

High Impact GHG Reductions

- Implement carbon pricing at economy level (federal or state).
- Implement high performance building codes (e.g. net zero), emphasizing passive strategies.
- Implement EV ready requirements in buildings.
- Decrease carbon intensity of energy resources.
- Increase renewable energy resources, both grid connected and distributed.
- Increase energy efficiency of existing buildings.
- Increase efficiency standards for appliances and major consumer products (federal).

Important TBL Practices

- Internal policy for Renewable Energy and offset gas purchase (NWN Smart Energy)
- Increase compact, small, and denser housing options. (Land Use and Transportation Planning)
- Invest in regular commercial and industrial audits, commissioning and retrofits
- Electrification of thermal appliances
- Promote options for community level solar (PV and thermal), district energy systems, and community renewable scale purchasing.
- Implement LED streetlights
- Require home energy score at time of sale.

Adaptation

High System Level Impacts

- Implement high performance building codes (e.g. net zero), emphasizing passive strategies.
- Enhance tree canopy to provide summertime shade in during heat wave and drought conditions
- Expand existing assistance programs for water and energy efficiency measures to rental housing and low income housing.

Important TBL Practices

- Rain water harvesting.
- Stable and adequate bill pay assistance programs to support spikes in heating and cooling seasons.





Buildings and Energy Large Lever Shareholder Planned Actions



Name:

Organization:

Good times to be reached generally:

Mitigation – 5 minutes to write down planned and soon to be delivered actions from your organization that reduce emissions. Mark the ones you think have greater scale/benefit with a star or asterisk.

Action	Equity considerations	Contact person	Document

Adaptation – 5 minutes to write down planned and soon to be delivered actions from your organization that prepare Eugene for future climate conditions. Mark the ones you think have greater scale/benefit with a star or asterisk.

Action	Equity considerations	Contact person	Document



