

CLIMATE ACTION PLAN 2.0 – LLS Meeting 2

Vehicles and Fuels



Mitigation heavy, adaptation light.

What can we do to get people to use active transportation, mass transportation, electric vehicles and lower carbon fuels for heavy duty purposes? Will any of our fleets be affected by climate changes locally?

Wednesday, November 14, 2018 – 1-3 p.m.
Lane Community College Mary Spilde Downtown Center, Room 402
101 W 10th Ave, Eugene, Oregon 97401

1. Welcome, Introductions (15 minutes)
2. Mitigation Analysis: Process, Results, and Questions (45 minutes)
3. Break (5 minutes)
4. Chapter Specific Data, Q&A (20 minutes)
5. Equity Panel and Public Outreach (10 minutes)
 - a. Equity Panel and Outreach Plan
 - b. Are there questions you would like the equity panel to consider as they review this data? (See equity lens)
 - c. What would you like to learn from these outreach processes?
6. Closing Thoughts (10 minutes)





Eugene's Triple Bottom Line Vision

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.

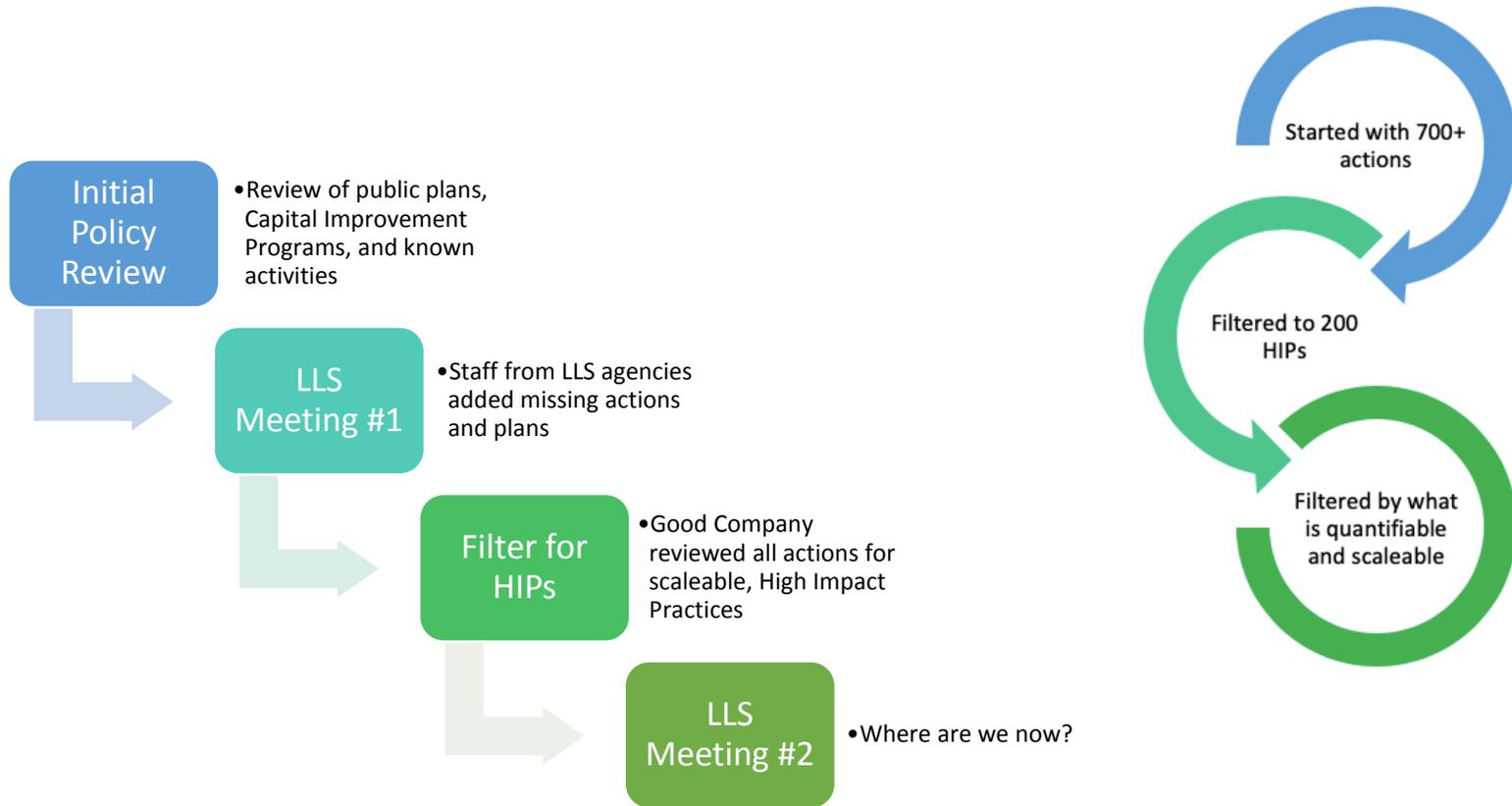
CAP Social Equity Lens

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?

Agency Plan Review Process



High Impact Practices

NOT ALL ITEMS WERE SCALED — SEVERAL ITEMS WERE SCALED IN COMBINATION WITH OTHER LIKE ITEMS.

Vehicles and Fuels (Modes)

City of Eugene

- Eugene Transportation System Plan 2035
Goal 1: Create an integrated transportation system that is safe and efficient; supports the Metro Plan's land use diagram, Envision Eugene, A Community Vision for 2032 (2012), the City of Eugene's target for a 50 percent reduction in fossil fuel consumption, and other City land use and economic development goals; reduces reliance on single-occupancy automobiles; and enhances community livability.
- City of Eugene Fleet Purchasing Policy with respect to the Climate Recovery Ordinance, including electrification vehicles and renewable fuels.

Eugene School District 4J

- School bus replacement

Eugene Water & Electric Board

- Community and Operational Electric Vehicles
- Clean Fuels program

Lane Community College

- Climate Action Plan Goal (draft): Decrease energy use by 2% percent per year

Lane Transit District

- Partial Electrification of Fleet/Fleets & Fuels (data not yet available)
- Route Efficiency (data not yet available)

Metropolitan Wastewater Management Commission

- Implement Biogas to Fuels project. This project will provide the upgrading facilities, pipeline, and interconnection to the natural gas utility grid to allow the MWMC to convert 100% of MWMC biogas to renewable natural gas and sell that gas and the associated environmental attributes into the vehicle fuel market. (Partnership with NW Natural Gas)

Northwest Natural Gas

- Biogas to Fuels project (biomethane to natural gas vehicle fuel market – partnership with MWMC)

State of Oregon

- Executive Order No. 17-21 Statewide Goal of 50,000 Electric Vehicles (incentives, etc.)
- House Bill 2017 Transportation Bill and allocated Gas Tax

Partnerships/other

- Safe Routes to School (programming, etc.)
- Rail terminal to handle biodiesel and ethanol

Triple Bottom Line Practices

These actions have social equity, health, economic and/or adaptation benefits, sometimes in addition to low or moderate mitigation impacts. Some actions may have been scaled in aggregate with related items from other agencies, and others were not scalable.

Vehicles and Fuels (Modes)

City of Eugene

- Reduce or eliminate disparities between neighborhoods in safety and access to essential destinations. Ensure that the costs and benefits of transportation improvements are equitably shared over time. Favor historically underserved communities if equitable solutions are not possible within a single project or action.
- Provide support for Safe Routes to School programs and other programs that create safe walking conditions between residences and schools and other neighborhood destinations.
- Bike share program
- Alternative Energy Vehicle Research
- Review Eugene Code parking and redevelopment standards for opportunities to improve requirements for support facilities for employees who are commuting by bike, such as by providing showers, lockers, and secure covered bike parking.
- Expand alternatives to private automobile trips for airport patrons.
- Implement the Eugene Depot Master Plan
 - Support higher-speed and higher-frequency passenger rail service and use of the historic Eugene Depot in downtown Eugene as a passenger rail station.
 - Construct a passenger platform and rail spur at the Eugene Depot to enhance passenger rail service and separate passenger rail from freight rail.
 - Implement the recommendations of the Oregon Passenger Rail Study
- Improve the safety and efficiency of trucking through information technological means such as telematics, signing, urban freight information and maps.
- Reduce environmental impacts and the risk of accidents involving trucking through infrastructure improvements, road design and layout, and promoting the use of environmentally-friendly vehicles.
- Intercept team for low acuity medical responses

Bethel School District

- Safe Routes to School (programming)

Eugene School District 4J

- Safe Routes to School (programming)

Eugene Water & Electric Board

- Rebates for EV (new/used)
- REv Up Eugene – Education

Lane Community College

- Improve access for bicyclists
- Carpool
- Expand Outreach, Marketing and Education About Climate-Friendly Transportation Alternatives
- Infusion of Sustainability Across the Curriculum
- Sustainability Education in Targeted Areas and Sustainability-Focused Courses

Metropolitan Wastewater Management Commission

- Bike pool/purchase policies evaluating environmental impacts

PeaceHealth

- PeaceHealth Rides
- LTD Passes to staff

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