

# **Lloyd EcoDistrict Imperatives Commitment**

## **Integrating Equity, Resilience and Climate Protection Into Our Work**

Revised: May 2, 2019  
Approval Date: January 16, 2019



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# INTRODUCTION

Lloyd EcoDistrict began operating as a successful EcoDistrict in 2011. In 2009 the City of Portland, the Portland Development Commission (now Prosper Portland), and other city, county and state government agencies convened a group of Lloyd District stakeholders to determine the feasibility of a “Green District.” Business leaders and property owners in Lloyd came together to engage in the work of creating such a district, so much so that Lloyd business owners directly supported the initiative for the first three years. In 2014, Lloyd EcoDistrict was formally funded by the Enhanced Services District, which will provide direct support to Lloyd EcoDistrict until 2024.

In the fall of 2017, Lloyd EcoDistrict leadership began the Imperatives Commitment process. Our Board of Directors viewed the process as an important opportunity to evaluate the extent to which the critical issues of Climate Protection, Equity and Resilience were integrated into Lloyd EcoDistrict’s existing work. Moreover, it was important to see how community engagement could be expanded, taking advantage of increased interaction with Lloyd residents in the past four years, and Lloyd’s growing residential population in general.

In the spring of 2018, Lloyd EcoDistrict organized three workgroups, one for each of the priority area - Equity, Climate Protection and Resilience. Each workgroup met to plan effective community outreach strategies and to evaluate priorities within their respective areas of focus. The workgroups continued to meet through October 2018. Over this six month period of time, Lloyd EcoDistrict hosted two public forums to gather feedback, raise community awareness and identify potential projects.

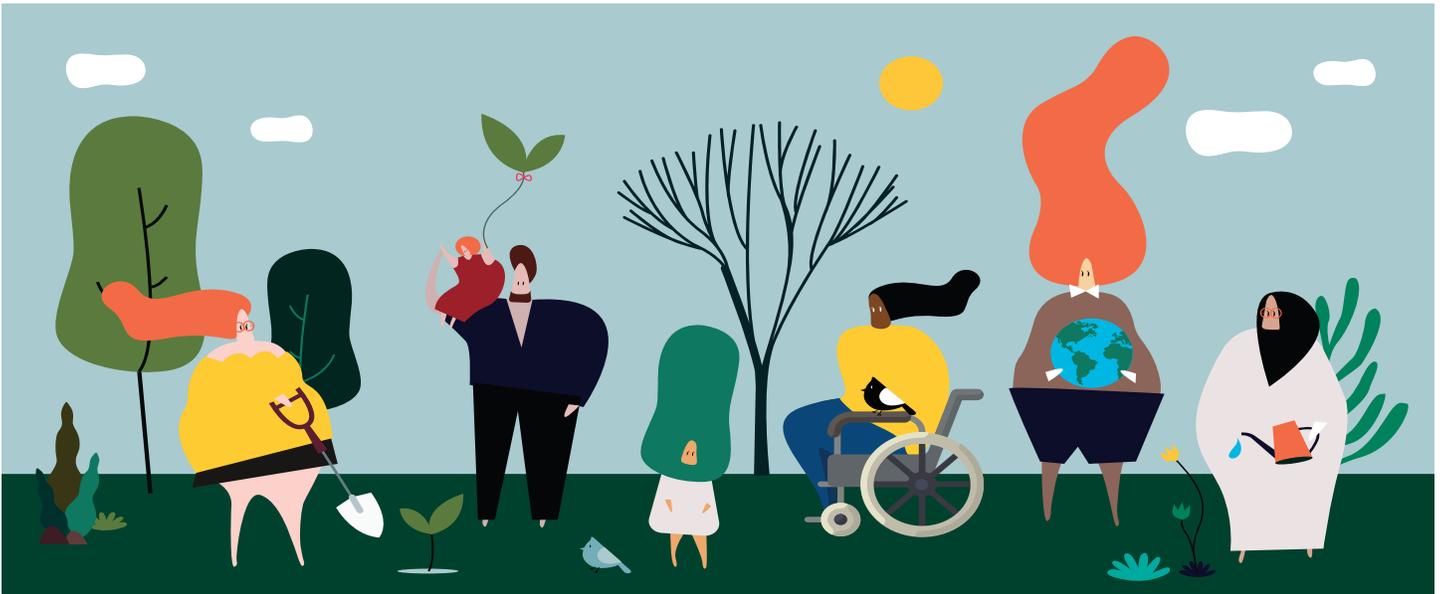
This Imperatives Commitment document describes the year-long community engagement process in more detail. Some of the positive outcomes included building relationships among stakeholders, vetting project ideas and potential project resources, and recruiting new volunteers from among the residents, employees, business owners and other stakeholders in Lloyd. Finally, on-going implementation efforts are also described, as project priorities are forwarded to the Lloyd EcoDistrict Action Forum.



**Neighborhood volunteers and Right 2 Dream Too members at a Sleeping Pod Build-out event, July 2018.**



**A volunteer tends to a Multnomah Street Pollinator Corridor planter while bikers ride by.**



# I. EQUITY

## A. VISION & SCOPE

Lloyd EcoDistrict is committed to full and equal access to district activities and pledges to include equity as a determinant in district decision-making and evaluation of results. Our vision is to ensure our diverse community has equitable access to opportunities that enable them to meaningfully participate, lead, and thrive.

Lloyd EcoDistrict actively works to support the most vulnerable parts of our community. Portland has a history of discrimination and displacement that requires active steps to remediate. We aim to build a neighborhood with a connected and engaged community and a strong sense of identity and place. In Lloyd, sustainability is a tool not only for environmental protection, but also to improve welfare for all. We echo the City of Portland’s view, as stated in the Portland Plan, that “Equity is both a means to a healthy, resilient community and an end from which we all benefit.” More specifically, we work to connect resources and elevate the voices of residents and workers in Lloyd who are experiencing economic hardship because of housing instability, lack of access to job training or employment, or an inability to secure needed health services. In all our efforts, we aim to connect and support the diverse populations who spend time in Lloyd, including service workers, low-income residents, the elderly and the houseless population.

Collaboration is a cornerstone of our formation. Lloyd EcoDistrict builds procedural equity by seeking out and nurturing partnerships with vulnerable and historically under-represented groups to ensure that they are involved in any changes that will occur in Lloyd and have an opportunity to meaningfully partic-

ipate, lead and thrive. Lloyd EcoDistrict ensures all our programs distribute benefits equitably among people in the community, seeking to use the district scale to collect, expand and share resources.

In the spring of 2018, we convened the Lloyd EcoDistrict Equity Workgroup to begin community dialog on equitable outcomes for all our community members, and to build upon the existing strategies for a prosperous, connected and biophilic EcoDistrict. This transparent and open decision-making process is the foundation for structural equity. (The terms “prosperous,” “connected” and “biophilic” refer to specific assessment and action areas in the 2012 Lloyd EcoDistrict Roadmap.)

On July 31, 2018, we hosted a community-wide meeting which we called “Lloyd Listens.” The meeting was held in the late afternoon and was attended by approximately 35 people. The Equity Workgroup reviewed the priorities and suggestions voiced at the community meeting and continued to reflect and refine the ideas heard.

### Specific ideas and suggestions that address distributional and cross-generational equity include:

- Encouraging collaboration among neighbors
- Celebrating diversity within the Lloyd community
- Providing more resources for the houseless
- Addressing the policy areas of affordable housing and the income gap in the U.S.
- Equitable transportation – reducing public transportation fees for low-income individuals

## VISION & SCOPE continued

A complete listing of the ideas and suggestions is included in the “Lloyd Listens” report attached as an Appendix.

The Equity Workgroup met an additional two times in August and September to further discuss the priority areas voiced at “Lloyd Listens.” We then organized a second public forum on October 24, 2018, which we called “Visioning Lloyd.” This community meeting was designed to give stakeholders the chance to dig a little deeper into the ideas and suggestions voiced at the July meeting and in the Workgroup sessions.

While there is clearly overlap among Equity, Climate Protection and Resilience, three of the six tables were dedicated to project ideas that we feel most closely align with the category of Equity:

1. Youth engagement
2. A more connected Lloyd
3. Community space (“space to gather”)

As Lloyd EcoDistrict moves forward with Equity Tasks in the Implementation Phase, we commit to making our decision-making even more public and transparent, engaging organizations that represent vulnerable populations and employing best practices for diversity, equity, and inclusion in community outreach and engagement.



At Visioning Lloyd, we offered six break-out tables for attendees.



Kids from our community partner Color Outside the Lines work on Lloyd’s first Intersection Mural

## B. CONTEXT

### A Brief History of Vulnerable Groups in the Lloyd Neighborhood

Lloyd is primarily an employment, entertainment and shopping area. Lloyd is in inner northeast Portland, within the central city and is the location for many large corporations and important destinations such as the Oregon Convention Center and the Moda Center. Despite these strengths, Lloyd is also home to many vulnerable citizens in need of support.

### People Living in Lloyd

The Lloyd District is growing. In 2010, the population of Lloyd was 1,142 (2010 U.S. Census). Seven years later, there were 2,107 people in Lloyd: an 85 percent increase<sup>1</sup>. Our residents are younger, as the median age fell from 42 to 39 over this same 7-year period. Lloyd is primarily home to renters – only 16 percent of people in Lloyd are home owners<sup>2</sup>. A large percentage of our residents – 28 percent – live below the federal poverty line; 13 percent of the people here are unemployed<sup>3</sup>. This is in sharp contrast to the state-wide unemployment rate which was at a record low of 3.8 percent in August 2018.<sup>4</sup>

### Houseless Community

Along with all the other cities on the west coast, Portland is amid a housing crisis. Many people without housing stay in the Lloyd neighborhood, due to easy access to transit and other services. In May 2017, Right 2 Dream Too, a rest area for those without shelter, was relocated to Lloyd. Since that time, Lloyd EcoDistrict has pulled together a coalition of community groups to engage with Right 2 Dream Too and help support the critical needs of the rest area. Because the City of Portland and Multnomah County's point in time homeless survey does not provide reports by neighborhood, it is difficult to determine the number of people who are homeless in Lloyd outside of Right 2 Dream Too.

### The Elderly

There are several retirement communities and senior care facilities in Lloyd as well. According to 2010 census data, 27 percent of the population in Lloyd is over the age of 65. These senior citizens are valuable members of our community. Research shows that the elderly often suffer from social isolation and feel ignored by society. Medical researchers and caregivers have produced numerous studies on the obstacles faced by seniors<sup>5</sup>.

### Communities of Color

Communities of color also live and work in Lloyd. About 20 percent of the population of Lloyd identify as people of color. This total is broken down in the 2010 census as the following:

- African Americans **7.8 percent**
- American Indian and Alaska Native **1.3 percent**
- Asian Alone **4.3 percent**
- Native Hawaiian **.4 percent**
- Some other race alone **1.5 percent**
- Two or more races **2.8 percent**

<sup>1</sup> Portland Magazine, April 2017.

<sup>2</sup> Ibid.

<sup>3</sup> Ibid.

<sup>4</sup> US New and World Report, September 18, 2018. <https://www.usnews.com/news/best-states/oregon/articles/2018-09-18/oregons-unemployment-rate-at-lowest-in-history>

<sup>5</sup> Botek, Anne Marie. "Combating the Epidemic of Loneliness Among the Elderly." March 5, 2018. <https://www.agingcare.com/articles/loneliness-in-the-elderly-151549.htm>

## Applicable local and state equity policies and plans

**City of Portland - Portland Plan** - Portland City Council adopted the Portland Plan in April 2012.

The Portland Plan brought together more than 20 agency partners and thousands of residents, businesses and nonprofits to create a strategic plan to make Portland prosperous, healthy, educated and equitable. The Plan provides a structure for aligning budgets and projects across numerous public agencies. It includes guiding policies and a five-year action plan within a horizon of 2035. The Portland Plan is organized around an equity framework, three integrated strategies and a set of measurable objectives to track progress.

**“An Unsettling Profile,” Coalition of Communities of Color 2010** – “An Unsettling Profile” was produced by the Coalition of Communities of Color and is focused on Multnomah County. The report documents two critical trends: First, it states that stark disparities exist between whites and people of color (who make up approximately 26 percent of the county’s population) with respect to income, educational attainment and a variety of health measures. In addition, the report concludes that “communities of color in Multnomah County suffer more than similar communities of color nationally.”

**“The State of Black Oregon,” Urban League of Portland 2015** – The Urban League of Portland released the first “State of Black Oregon” in 2009 and aims to publish an updated report every 5 years. These reports show that communities of color are not faring as well as white communities across all indicators: housing, employment, business development, education, health, and over-representation in the criminal justice system. The reports document that the Native American and African American communities are faring worse than they were 30 years ago.

The City of Portland Office of Equity and Human Rights was established in 2011. Since that time, it has facilitated the adoption of Citywide Equity Goals and Strategies. All City Bureaus are now seeking to align their work with the City of Portland Equity Framework.

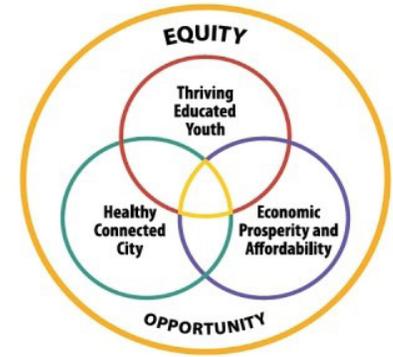
**City of Portland 2035 Comprehensive Plan** - The 2035 Comprehensive Plan, a 20-year plan mandated by state land-use laws, sets forth strategies to manage growth and change within our built and natural environments. Guided by the Equity Framework in the Portland Plan, the Comprehensive Plan directs the City to do this in a manner that achieves equity along with prosperity goals. City Council adopted the 2035 Comprehensive Plan in 2016.

The 2035 Comprehensive Plan contains this vision for Portland:

*Portland is a prosperous, healthy, equitable and resilient city where everyone has access to opportunity and is engaged in shaping decisions that affect their lives. The plan has five guiding principles, including Equity. The City of Portland makes an important pledge in the Comp Plan as follows:*

*Promote equity and environmental justice by reducing disparities, minimizing burdens, extending community benefits, increasing the amount of affordable housing, affirmatively furthering fair housing, proactively fighting displacement, and improving socio-economic opportunities for under-served and under-represented populations. Intentionally engage under-served and underrepresented populations in decisions that affect them. Specifically recognize, address and prevent repetition of the injustices suffered by communities of color throughout Portland’s history<sup>6</sup>.*

The 2015 Climate Action Plan, described in more detail in the Climate section, also helps to deliver the equity goals of the Portland Plan.



***Advancing equity must be at the core of our plans for the future. Portland is becoming a more racially, ethnically and age diverse city with more newcomers. At the same time, Portland’s diverse communities have not had, and many still do not all have, equitable access to opportunities to advance their well-being and achieve their full potential. Greater equity in the city as a whole is essential to our long-term success. Equity is both a means to a healthy, resilient community and an end from which we all benefit.***  
- Portland Plan

<sup>6</sup> City of Portland 2035 Comprehensive Plan, <https://www.portlandoregon.gov/bps/70936>

## C. WORKPLAN

### Equity in the Formation Phase

Lloyd EcoDistrict is long past the formation phase, having functioned as an EcoDistrict since 2011. The following work plan describes specific tasks and responsibilities that Lloyd EcoDistrict and its partners have and will undertake as part of the on-going work to build equitable processes and outcomes in Lloyd. Many tasks have already been completed or are ongoing. Those which have yet to be completed will be done in conjunction with our updated Roadmap.

To do 2021 Q2	Develop and execute an outreach strategy to engage members of vulnerable communities (including the house-less community, low-income residents, the elderly, people of color, and any other identified vulnerable groups) in decision-making processes. The strategy will explain our organization’s purpose and governance, describe participation opportunities and seek feedback on accommodations we could make to better include vulnerable community members.
To do 2021 Q2	Conduct outreach to these vulnerable groups, explain our organization’s purpose and governance, describe participation opportunities and seek their feedback on accommodations we could make to better include these community members.
Ongoing 2021 Q2 on	Ongoing Recruit representatives from the groups identified into leadership positions through our board as well as in our planning processes and working groups

### Equity in the Roadmap Phase

Lloyd EcoDistrict created a Roadmap in 2012. Updating that Roadmap is dependent on securing grant funding. We envision the entire process taking nine months from the point of receiving funding.

#### Procedural Tasks:

**Task 1.** Ensure that community members representing diverse and vulnerable populations can participate in the Roadmap update process. This process begins by reaching out to better understand potential barriers to participation. At a minimum, we need to determine appropriate meeting times and locations, language translations and orientation processes to engage these populations.

**Task 2.** In collaboration with vulnerable communities, we will determine whether any asset mapping of diverse populations exists, update where necessary and perform mapping to fill in gaps.

#### Structural Tasks:

**Task 3.** Working with stakeholders, reassess our contextual analysis to include more information about the vulnerable populations with whom we should partner in this work.

**Task 4.** Gather data and analyze baseline metrics for community and equity through input from organizations that serve the district’s vulnerable populations and community-sourced data. Identify organizations available to help.

**Task 5.** Develop a strategy for planning processes to ensure

vulnerable groups are given equitable decision-making authority in the Roadmap update process.

**Task 6.** Through a multi-stakeholder workshop process, develop a vision and goals for equity, to be incorporated into an updated Roadmap.

**Task 7.** Engage stakeholders in further workshops to update our objectives and indicators, and to set new targets and strategies focused on our goals and vision for equity.

**Task 8.** Develop a program structure to assess and organize existing community and equity projects as they relate to the new vision and goals around equity.

**Task 9.** Develop an equity screening protocol for evaluating projects to assess fair distribution of benefits and burdens.

**Task 10.** Analyze potential projects and programs for community-building and equity improvement potential and then use this analysis to increase priority for projects with high community and equity value.

#### Distributional and Cross-Generational Tasks:

**Task 11.** Perform an equity screening of all new and existing projects. Assess changes needed to increase the distribution of benefits and limit the burdens to vulnerable groups.

**Task 12.** Working with vulnerable groups, pursue additional strategies and potential project concepts focused on the district’s equity goals, with an emphasis on projects that benefit these groups directly.

## Projected Schedule – Equity Tasks in the Roadmap Phase

		2021		
		Q2	Q3	Q4
<b>Task 1</b>	Outreach to diverse & vulnerable populations			
<b>Task 2</b>	Asset mapping			
<b>Task 3</b>	Contextual Analysis			
<b>Task 4</b>	Baseline metrics			
<b>Task 5</b>	Develop planning strategy			
<b>Task 6</b>	Develop vision through stakeholder workshops			
<b>Task 7</b>	Set new equity goals			
<b>Task 8</b>	Develop program structure to assess around equity			
<b>Task 9</b>	Develop equity screening protocol			
<b>Task 10</b>	Analyze and prioritize projects			
<b>Task 11</b>	perform equity screening			
<b>Task 12</b>	Pursue further partnerships to benefit vulnerable groups			

## Equity in the Performance Phase

### Procedural Tasks:

**Task 13.** Identify ways to actively partner with organizations and individuals representing vulnerable groups. Meet with partners to assess progress and seek ways to improve equity outcomes through implementation of the Roadmap.

### Structural Tasks:

**Task 14.** Governance committee will conduct a comprehensive equity review of our governance structure, decision-making processes and implementation methods on a continual basis.

**Task 15.** On a two-year cycle, report out on this review and on equity progress to date, recommending strategies to improve outcomes.

**Task 16.** Ensure reporting is widely accessible by using multiple modes of distribution, providing language translation and visual impairment screening and embracing other applicable best practices for equitable public communication.

### Distributional and Cross-Generational Tasks:

**Task 17.** On a two-year cycle, as part of the structural review and reporting, conduct a comprehensive equity review of project and program burdens and benefits to ensure their fair distribution, and to seek ways to improve program outcomes.

**Task 18.** Assess and improve our reporting methods to ensure we are accessible across different populations.

**Task 19.** Partner with organizations and schools to increase engagement with young people who spend time in Lloyd.

**Task 20.** Dedicate resources to partnerships with organizations serving the houseless, such as Right 2 Dream Too.

**Task 21.** Evaluate input from outreach groups to determine what ideas are feasible as new programs.



Lloyd stakeholders share ideas at the “Lloyd Listens” community forum.

## D. RESPONSIBILITIES AND SCHEDULE

Lloyd EcoDistrict has been responsible for guiding the formation, roadmap and performance phases of this process. Once we obtain the resources, we will bring in professional expertise and stakeholders, conducting this planning process through the lens of our target audience and ensuring equitable engagement within our community. We will engage our Board of Directors in assessing our governance structure to assess goals and processes around equity within the next three years. We plan to update the Lloyd EcoDistrict Roadmap within the next three years to strengthen our goals and strategies around equity. We will incorporate our existing community projects into this updated roadmap and assess opportunities for future projects. When we update our Roadmap, we will develop new projects, determining priorities, partnerships and timelines accordingly. We will continue to report to our stakeholders annually through our annual report and strive for more diversity within our board.

The Lloyd EcoDistrict Action Forum (LEAF) is the Lloyd community stakeholder committee responsible for ongoing implementation of the tasks listed above, in conjunction with staff, the External Affairs Committee and the Lloyd Board of Directors. LEAF members will determine how to develop suggested Equity Actions into organizational projects. Three project examples that will be developed or maintained in 2019-2020 include:

1. **Building youth engagement in Lloyd EcoDistrict**
2. **Organizing sleeping pod construction at Right 2 Dream Too (maintenance continuing all year)**
3. **Working with Lloyd Center Mall management and other stakeholders to explore the feasibility of a community center at Lloyd Center**

### Projected Schedule – Equity Tasks in the Performance Phase

		2019				2020				2021			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Task 13</b>	Partnerships with/ Vulnerable Groups	■	■	■	■	■	■	■	■	■	■	■	■
<b>Task 14</b>	Equity Review Governance			■	■	■	■					■	
<b>Task 15</b>	Report on Equity Progress					■	■	■					
<b>Task 16</b>	Confirm Reporting Accessibility				■	■	■	■	■	■	■		
<b>Task 17</b>	Equity Review Programs				■						■		
<b>Task 18</b>	Ensure Cross Generational Access	■	■	■	■	■	■	■	■	■	■	■	■
<b>Task 19</b>	Increase Young People Engagement	■	■	■	■	■	■	■	■	■	■	■	■
<b>Task 20</b>	Resources for Houseless				■	■	■	■	■	■	■	■	■
<b>Task 21</b>	Determine feasibility of new Programs generated by Outreach	■	■	■	■	■	■	■	■	■	■	■	■

More detailed information within the Equity Tasks will be determined by staff, members of the Lloyd EcoDistrict Action Forum and partner organizations.

## E. INDICATORS

Indicators are a means for tracking progress as organizations work to make change in their community. In this report, we distinguish between a “direct” indicator and an “indirect” indicator. A “direct” indicator is connected to a specific action implemented by Lloyd EcoDistrict, while an “indirect” indicator describes a condition or event that influences our work but is not specifically impacted by it. For example, determining the number of people who are sleeping on the streets in Lloyd on a given night is an important indication of the critical need for more affordable housing and services for people who lack permanent housing. However, it is not a reflection of Lloyd EcoDistrict’s partnership with Right 2 Dream Too, a nonprofit that provides shelter for people who need a safe place to sleep.

### Direct Indicators

- Number of groups and individual participants in community-building events and projects
- Number of partnerships created with organizations working with people who are economically disadvantaged, the elderly, or the houseless who live or work in Lloyd
- Number of sleeping pods constructed for people without permanent housing at a partner location

### Indirect Indicators

- Number of healthy food stores in walking distance
- Number of people sleeping on the streets (point in time counts)
- Amount of green space within walking distance to Lloyd residents

## F. EVALUATION AND ADJUSTMENT

We will report out on at least a biennial basis on the status of our projects and the indicators listed above as they pertain to equity. This reporting, in combination with ongoing input from our partners, will be used to guide continuous improvement in equity.



## II. RESILIENCE

### A. VISION & SCOPE

We build resilience in Lloyd by building community. While the greater Portland region is focusing on planning for a Cascadia Subduction-Zone earthquake and its aftermath, Lloyd EcoDistrict defines resilience as the ability for people and infrastructure to withstand, adapt and thrive when confronted with all manner of social, economic and environmental shocks and stresses. With stronger connections between neighbors, individuals have a deeper web to rely on when responding to a crisis. Our board and committees serve as a hub connecting organizations in Lloyd together and building robust networks of collaboration that support this community in moments of adversity. We are committed to building resilience through education, community partnerships, improved infrastructure and deepening connections.

Lloyd EcoDistrict also commits to develop infrastructure that serves the dual purpose of climate protection and emergency preparation (e.g., installing battery backups for solar so that critical buildings can disconnect from the electrical grid and operate on renewable energy). Whether developing a solar array or teaching people to waste less food, planning for sustainability helps us prioritize long-term actions that will best prepare this community for catastrophic events and long-term changes.

Lloyd EcoDistrict established the Resilience Workgroup in 2018. Like the Equity and Climate Protection Workgroups, the Resilience Group met to discuss community input received at a community-wide meeting on July 31, 2018. Specific ideas and suggestions that were raised under the broad theme of Resilience included:

- [Developing resources around emergency preparedness in the Lloyd neighborhood \(e.g., make safety supply kits available and form a Lloyd Neighborhood Emergency Team, homeless shelters as emergency shelters\)](#)
- [Building increased opportunities for community members to interact](#)
- [Conducting an awareness campaign to promote the resources that already exist in Lloyd](#)
- [Using resilience as a framework to make the connection between diversity and equity](#)

Lloyd EcoDistrict hosted a second public forum on October 24, 2018. A summary of the neighborhood input received at both community meetings is included in the Appendices.

## B. CONTEXT

Lloyd has several areas to address in terms of resilience. Earthquakes, floods, heat waves, bad air quality days, and civil unrest are the top hazards for Lloyd. Vulnerable populations in particular are more at risk to all these hazards.

### Chronic Stresses

**Climate Stressors:** According to the City of Portland's [Climate Action Plan](#)<sup>7</sup>, Multnomah County's primary climate risks are for "hotter, drier summers with more high-heat days, and warmer winters with potential for more intense rain events." This could lead to "increased temperatures and frequency of high-heat days, increased incidence and magnitude of damaging floods, increased incidence of drought, increased incidence of landslides and increased wildfire frequency and intensity" (p.24).

**Economic Stressors:** Lack of affordable housing and income disparity among workers and residents represent the greatest economic stressors in Lloyd. This pressure is visible throughout the central city in the houseless population both in an organized rest area, as well as in less-sanctioned, unofficial camps. Lloyd's large businesses are thriving, but small businesses, such as those along Broadway, are often subject to more economic pressure. Lloyd's residential community is small but growing, and growing and building real connections between community members is critical to developing greater social resilience. There is also a good opportunity for developing stronger connections between the different populations in Lloyd. The business community has an important role to play in supporting and connecting to the neighborhood in which they reside. The Lloyd business community has been working to reduce crime since the late 80's. Recently, Holladay Park was assigned a park ranger, in an effort to improve safety in the park. The community remains committed to addressing crime in the neighborhood.

### Potential Shocks

Like the rest of Portland, Lloyd is at risk for several long range and catastrophic events. Earthquakes are a substantial regional risk, with the Cascadia Subduction Zone affecting most of the central city. Lloyd is fortunate to have more stable soils than other parts of Portland, and so is not in a large risk area for liquefaction of soils. However, Lloyd is still at substantial risk during an earthquake due to its central location, compounded by high-rise housing and presence of vulnerable populations who will

be less able to seek assistance. In the event of an earthquake, the bridges that connect to downtown Portland and the rest of the west side will be affected, which could strand many workers and residents. While Lloyd does not have the same numbers of unreinforced masonry buildings as other neighborhoods in Portland, these structures should be reinforced or replaced when possible.

Climate change is a long-term, global risk. Currently, with hotter and drier summers, wildfires in the region have increased in frequency, leading to high particulate matter in the air and, consequently, hazardous air quality. Other climate change effects in the Pacific Northwest could include more heat waves, water shortages as summers grow drier, food system disruption, energy system disruption, and climate refugees. All of these would be a strain on community, social and economic resilience.

### Vulnerable Populations

Lack of access to resources combined with unfair treatment reduce resilience and leave people vulnerable to chronic and acute stressors. For example, low income populations are less resilient to economic stressors and shocks. In general, an older individual is more likely to lack the strong social network that is critical to resilience.

Heat waves are a substantial cause of death for the elderly and those without housing. Heat waves can increase heat-related deaths, especially for people living in high-rise housing. Those with mobility issues, without housing, or who live with mental illness are especially at risk. Houseless residents are already highly vulnerable and suffer from many social, environmental and economic stressors. Without strong social and economic safety nets to support them, they will be extremely vulnerable in a catastrophic event such as a flood or earthquake. People experiencing houseless are often victims of crime, and with a lack of trust stemming from past negative police interactions, they often do not seek assistance from police when needed, potentially exacerbating their level of risk.



Bridges that connect to downtown Portland and the rest of the west side

<sup>7</sup> <https://www.portlandoregon.gov/bps/article/531984>

## Applicable local and state resilience measures

The Oregon Legislature's [Oregon Resilience Plan](#)<sup>8</sup> was completed in 2013. It specifically deals with the threat of the Cascadia Subduction Zone Earthquake. This document outlines the following key strategies:

**1.** Undertake comprehensive assessments of the key structures and systems that underpin Oregon's economy, including

- a. Completing a statewide inventory of critical buildings (those needed for emergency response and the provision of basic services to communities) in both public and private sectors (Chapter Four)
- b. Completing an updated inventory of the local agency, transit, port, and rail assets that assure access to school buildings and hospitals and could be used during emergencies (Chapter Five)
- c. Charging the Oregon Public Utility Commission to define criteria for seismic vulnerability assessments that can be applied by operating companies in the energy and information and communications sectors (Chapters Six and Seven); and d. Requiring all water and wastewater agencies to complete a seismic risk assessment and mitigation plan as part of periodic updates to facility plans (Chapter Eight)

**2.** Launch a sustained program of capital investment in Oregon's public structures, including

- a. Fully funding Oregon's Seismic Rehabilitation Grants Program for K-12 schools, community colleges, and emergency response facilities (Chapters Two and Four)
- b. Seismically upgrading lifeline transportation routes into and out of major business centers statewide by 2030 (Chapter Five)
- c. Establishing a State Resilience Office to provide leadership, resources, advocacy, and expertise in implementing statewide resilience plans (Chapter Four)

**3.** Craft a package of incentives to engage Oregon's private sector in efforts to advance seismic resilience, including

- a. Developing a seismic rating system for new buildings to incentivize construction of buildings more resilient than building code compliance requires and to communicate seismic risk to the public (Chapters Two and Four)

b. Tasking the Oregon Public Utilities Commission to provide oversight for seismic preparedness of the energy providers currently under its jurisdiction (Chapter Six)

c. Working with the hospitality industry to develop plans to assist visitors following a major earthquake and tsunami and to plan strategies to rebuild the tourism industry (Chapter Three)

**4.** Update Oregon's public policies, including

a. Revising individual preparedness communications to specify preparation from the old standard of 72 hours to a minimum of two weeks, and possibly more (Chapters Two and Three)

b. Developing a policy and standards for installation of temporary bridges following earthquake disruption (Chapter Five)

c. Adopting a two-tiered ratings system that indicates the number of hours/days that a citizen in a community can expect to wait before major relief arrives, and the number of days/months that a citizen can expect to wait before the community itself achieves 90 percent restoration of roads and municipal services (Chapter Two)



Lloyd community members learn about neighborhood resources at Resilient Lloyd

<sup>8</sup>Oregon Resilience Plan. February 2013. [https://www.oregon.gov/oem/Documents/Oregon\\_Resilience\\_Plan\\_Final.pdf](https://www.oregon.gov/oem/Documents/Oregon_Resilience_Plan_Final.pdf)

The City of Portland's policy approach to resilience is contained in two key documents:

- Portland Bureau of Emergency Management's (PBEM) 2017-2020 Strategic Plan
- PBEM's 2016 Mitigation Action Plan

The development of PBEM's 2017-2020 Strategic Plan builds on the bureau's preceding plans and Portland's Mitigation Action Plan and advances resilience initiatives from the Climate Action Plan and Comprehensive Plan. PBEM strategic plan recognizes that "equity is critical to resilience." This plan outlines the following objectives:

1. Strengthen development codes and update land use designations to facilitate effective disaster risk reduction.
2. Prevent or reduce mitigation-related disparities affecting under-served and under-represented communities through plans, investments and engagement.
3. Promote the use of natural systems to limit natural hazard related impacts.
4. Increase the resilience of high-risk and critical infrastructure through monitoring, planning, maintenance, investment, adaptive technology and continuity planning.
5. Coordinate land use plans and public facility investments between City bureaus, other public and jurisdictional agencies, businesses, community partners and other emergency response providers.
6. Support community outreach activities that increase stakeholder awareness and understanding of hazard risk, mitigation options and preparedness strategies.
7. Identify and seek various funding opportunities for mitigation activities and look for ways to leverage existing funds.
8. Seek opportunities in which hazard mitigation also benefits other community goals
9. Collect data to track progress on meeting mitigation goals.
10. Use the best available data, science and technologies to improve understanding of the location and potential impacts of natural hazards, the vulnerability of building types and community development patterns and the measures needed to protect life safety.
11. Retrofit, purchase or relocate structures in high hazard areas, especially those known to be repetitively damaged.
12. Promote, incentivize and support the mitigation of private property.
13. Improve systems that provide warning and emergency communications.
14. Promote mutual information exchange and incorporate existing community networks in the identification and implementation of mitigation actions.
15. Build City staff and community capacity to ensure effective implementation and equitable outcomes of mitigation action efforts.
16. Develop plans to reduce immediate impacts of natural hazard events and to facilitate rapid and effective social and economic recovery.

## C. WORKPLAN

### Resilience in the Formation Phase

Lloyd EcoDistrict is long past the formation phase, having functioned as an EcoDistrict since 2011. The following work plan describes specific tasks and responsibilities that Lloyd EcoDistrict and its partners have and will undertake as part of the on-going work to build resilient processes and outcomes in Lloyd. Many tasks have already been completed or are ongoing. Those which have yet to be completed will be done in conjunction with our updated Roadmap.

<b>Done</b>	We have engaged individuals from local emergency planning efforts to leverage their knowledge and expertise. These experts have included staff from public agencies, Lloyd emergency infrastructure and first responders such as the Portland Bureau of Emergency Management, Neighborhood Emergency Teams and the Oregon Convention Center, which serves as an emergency shelter location.
<b>Done</b>	We have reached out to identified individuals from local emergency planning efforts to be part of leadership in our board and committees.
<b>To do 2021 Q2</b>	Identify and conduct outreach to at-risk groups explaining resilience goals and engagement opportunities.
<b>To do 2021 Q2</b>	Identify critical infrastructure that will support resilient neighborhood. This includes sites that will be needed during emergency events or locations central to emergency hubs, power stations, hospitals and emergency response providers. Conduct outreach to these owners and operators.
<b>Ongoing</b>	Recruit representatives from the groups identified into leadership positions through our board as well as in our planning processes and working groups.
<b>Ongoing</b>	Recruit members of at-risk groups and critical infrastructure representatives in our planning processes and leadership.

### Resilience in the Roadmap Phase

Lloyd EcoDistrict created a Roadmap in 2012. Updating that Roadmap is dependent on securing grant funding. We envision the entire process taking nine months from the point of receiving funding.

#### Knowledge/Expertise and Organization/Network Tasks:

**Task 1.** Review existing roadmap and identify gaps, and opportunities where roadmap can be updated to include resilience.

**Task 2.** Establish workshop process and procedures such as language translation and pre-workshop orientation to ensure participation of at-risk groups.

**Task 3.** Engage stakeholders on an ongoing basis, seeking opportunities to enhance knowledge sharing and social network connections throughout the district.

#### People and Place Tasks:

**Task 4.** Utilize the City of Portland’s analysis of Lloyd-specific resilience threats, such as unreinforced masonry structures, buildings located within the floodplain, soil stabilization and earthquake hazards.

**Task 5.** Analyze and map Lloyd resilience resources and emergency infrastructure, including buildings with off-grid capabilities, emergency hubs, Basic Earthquake Emergency Communication Node (BEECN) locations, emergency water resources and emergency resource networks such as neighborhood emergency teams.

**Task 6.** Identify opportunities to improve implementation of existing strategies to enhance resilience.

**Task 7.** Identify additional strategies focused on mitigating stresses and shocks, especially wildfire, drought and seismic risk. Seek strategies to increase redundancy of key infrastructure.

**Task 8.** Analyze all projects and programs with resilience in mind; increase priority of project that build upon the community’s resilience potential for their resilience potential and use this to increase the priority of projects with high resilience building potential.

**Task 9.** Engage and involve first responders.

## Projected Schedule – Resilience Tasks in the Roadmap Phase

		2021		
		Q2	Q3	Q4
<b>Task 1</b>	Review existing roadmap			
<b>Task 2</b>	Establish workshop process			
<b>Task 3</b>	Engage stakeholders			
<b>Task 4</b>	Utilize existing threat mapping			
<b>Task 5</b>	Analyze and map Lloyd-specific resources			
<b>Task 6</b>	Identify improvements in existing strategies			
<b>Task 7</b>	Identify additional strategies			
<b>Task 8</b>	Analyze and prioritize projects			
<b>Task 9</b>	Engage first responders			

### Resilience in the Performance Phase

#### Knowledge/Expertise and Organization/Network Tasks:

**Task 10.** Meet with individuals, representatives and advocates of vulnerable groups and key infrastructure stakeholders to ensure that existing resilience strategies are meeting their needs and fairly distributing burdens and benefits.

**Task 11.** Promote an Economic Resiliency Education Series to foster understanding of challenges and resources available in Lloyd.

#### People and Place Tasks:

**Task 12.** Incorporate resiliency into biennial reporting process, evaluating results of resilience efforts to date and developing recommendations for improvements.

**Task 13.** Revisit planning documents regularly to ensure their relevance to changing resilience conditions.

**Task 14.** Build resources to foster neighborhood resiliency. Use the Lloyd EcoDistrict Action Forum as a platform to develop relevant projects.

**Task 15.** Evaluate input from outreach groups to determine what ideas are feasible as new programs.

## D. RESPONSIBILITIES AND SCHEDULE

Lloyd EcoDistrict has been responsible for the formation, roadmap and performance phases. We will engage our board in assessing our governance structure to assess goals and processes around resilience within the next three years. We plan to convene stakeholders to update our roadmap within three years to strengthen our goals and strategies around resilience. We will report out on our progress on tasks as a community and will continue to do so on an annual basis. We will re-engage with stakeholders in implementing and assessing performance on these projects on an ongoing basis.

The Lloyd EcoDistrict Action Forum is the Lloyd community stakeholder committee responsible for on-going implementation of the tasks listed above, in conjunction with staff, the External Affairs Committee and the Lloyd Board of Directors. LEAF members will determine how to develop suggested Resiliency Actions into organizational projects.

In 2019, LEAF members will examine the project ideas and priorities resulting from the 2018 Imperatives community engagement process. We have included a high-level summary of workgroup project ideas and priorities in the Appendices.

Our schedule moving forward with Resiliency Tasks will depend upon the priorities and resources identified by LEAF members and partner organizations. The following suggested schedule was reviewed by LEAF in Q1 2019 and will be modified as needed:

## Resilience Tasks in the Performance Phase

		2019				2020				2021			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Task 10</b>	Meet with representatives of vulnerable groups												
<b>Task 11</b>	Economic Resiliency Education Series						TBD						
<b>Task 12</b>	Biennial reporting on Resiliency Efforts												
<b>Task 13</b>	Revisit planning documents regularly												
<b>Task 14</b>	LEAF Project Development												
<b>Task 15</b>	Determine feasibility of new programs generated by Visioning Lloyd and other outreach												

## E. INDICATORS

### Direct Indicators

- Creation of a Lloyd Neighborhood Emergency Team
- Number of emergency preparedness kits and information sessions held in Lloyd. Tracking could include the number of volunteers trained and volunteer hours

### Indirect Indicators

- Percentage of business with 100+ employees
- Sector diversity – percentage of workforce in primary, secondary and tertiary sectors
- Percentage of land and built area with hydric soils
- Percentage of land and built area in 100-year floodplain
- Percentage of buildings reinforced to earthquake standards
- Level of emergency infrastructure, including BEECN, water catchment and disaster preparation supplies
- Number of people who have more than one way to get to work
- Number of street trees and the percentage of canopy cover

## F. EVALUATION AND ADJUSTMENT

We will use these indicators to evaluate our progress towards these goals through biennial reporting and evaluation, seeking to identify opportunities for continual improvement.



# III. CLIMATE PROTECTION

## A. VISION & SCOPE

Lloyd EcoDistrict is fully committed to achieving carbon neutrality by 2060. We are actively building a pathway to carbon neutrality by addressing direct and indirect operational CO<sub>2</sub> emissions from energy use in buildings, water systems, and infrastructure, solid waste and wastewater management, and transportation.

We take a three-pronged approach to climate protection, with specific actions to ensure we reach carbon neutrality within, and to and from, Lloyd:

- No net increase in energy demand from 2010 levels, achieving a 60 percent reduction in demand
- No net increase in potable water demand from 2010 levels, achieving a 58 percent reduction in use
- No net increase in solid waste generation beyond 2010 levels, requiring reduced demand and that 93 percent of waste generated in the district be recycled or composted

Over the next 20 years we have set targets to reduce existing building energy use by 33 percent and set high standards for new building energy efficiency. Residential and commercial buildings account for nearly 40 percent of CO<sub>2</sub> emissions in the U.S. We will develop more renewable power, both on-site and off-site, and pursue district-scale energy solutions.

We will drastically reduce the amount of solid waste and wastewater that we generate as a community, especially food, through projects that address operational and individual practices. We will bring neighbors together, because often change begins with the individual but spreads through the community. We will encourage

alternative transportation methods, especially walking and biking, with help from our transportation partner Go Lloyd. We will also develop innovative pilot projects for transportation solutions which leverage sustainability goals, such as planting the protected bikeway with pollinators, and our recent e-bike pilot.

Lloyd EcoDistrict established the Climate Protection Workgroup in 2018. Like its Equity and Resilience counterparts, this workgroup reviewed the input received at the Lloyd Listens neighborhood meeting. The workgroup met over a three-month period, and further distilled the suggested ideas heard at the public meeting. Specific ideas and suggestions that were raised under the broad theme of Climate Protection included:

- A vision of a no-car district, or a district with significantly reduced vehicle miles traveled over business as usual
- Increased tree canopy and building out the neighborhood's green infrastructure
- Better communication regarding environmental issues (such as climate change) and district sustainability performance (such as Lloyd's annual greenhouse gas footprint)
- More support for alternative forms of transportation, potentially through district incentives for public transportation
- The belief that Lloyd EcoDistrict should strive to be a replicable model for action in other urban neighborhoods

In reviewing the suggested strategies and topics of concern voiced at the July community meeting, workgroup members recognized that there was a lot of overlap among the three Imperatives. For example, supporting the de-pavement of a hardscaped area contributes to both Climate Protection and Resilience, and utilizing local high school students to promote disaster preparedness supports both Equity and Resilience objectives. The three Imperatives reinforce one another. In a similar way, the projects supported by Lloyd EcoDistrict and our partners will also be mutually supportive.

Summary information from the July 31st community meeting is included in the Appendices.

## B. CONTEXT

Lloyd is a predominantly commercial district, housing many large institutions, in both the private and public sector. Consequently, the operations of large buildings in Lloyd have a substantial impact on energy, water, waste and other sources of carbon emissions. Lloyd has 550 businesses, 23,500 employees, and 2,500 residents.

### Energy Use

Per our 2014 Roadmap, annual energy use for the district is estimated to be 981,800 MMBtus per year. The district has begun tracking data for all buildings over 50,000 square feet, and 87 percent of buildings over 20,000 square feet. The energy use for that dataset was 475,782 MMBtus.

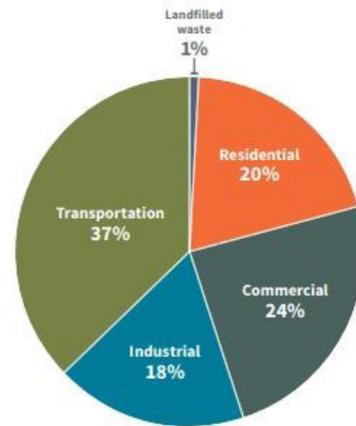
### Onsite Energy Production

In 2016, Oregon Convention Center installed a 2.2 MW solar photovoltaic array. This array is the largest capacity array allowed on a rooftop in this utility service region. It produces 25 percent of the Convention Center’s power. In 2011, [National Renewable Energy Laboratory \(NREL\)](#) conducted a solar site assessment of Lloyd to determine potential for PV energy and solar hot water. This study found that there are 1 million square feet of rooftops and parking areas that have solar potential. This area would support total PV system efficiency of 5.7 million kWh.

### CO<sub>2</sub> sources and sinks inventory

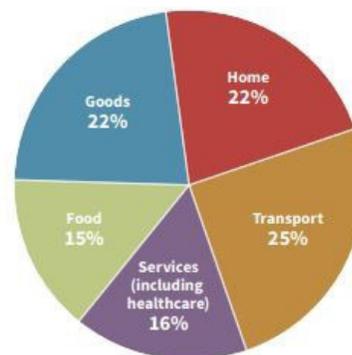
Per the City of Portland’s [Climate Action Plan](#), “As of 2010, Portland’s urban forest covered 30 percent of the city and is estimated to sequester over 88,000 tons of carbon dioxide annually” (p.103).

Sector-based carbon emissions for the City and county show that “a majority of carbon emissions locally come from powering our homes, business and vehicles” (CAP, 30).



*Total Multnomah County Carbon Emissions by Sector (Sector-based inventory, 2013). Source: Portland Bureau of Planning and Sustainability*

Another way of looking at emissions is by consumption. This method acknowledges that carbon emissions are not necessarily location-based, because consumer choices locally have global carbon impacts. According to this analysis, consumption of food, goods and services account for over half of emissions in Multnomah County.

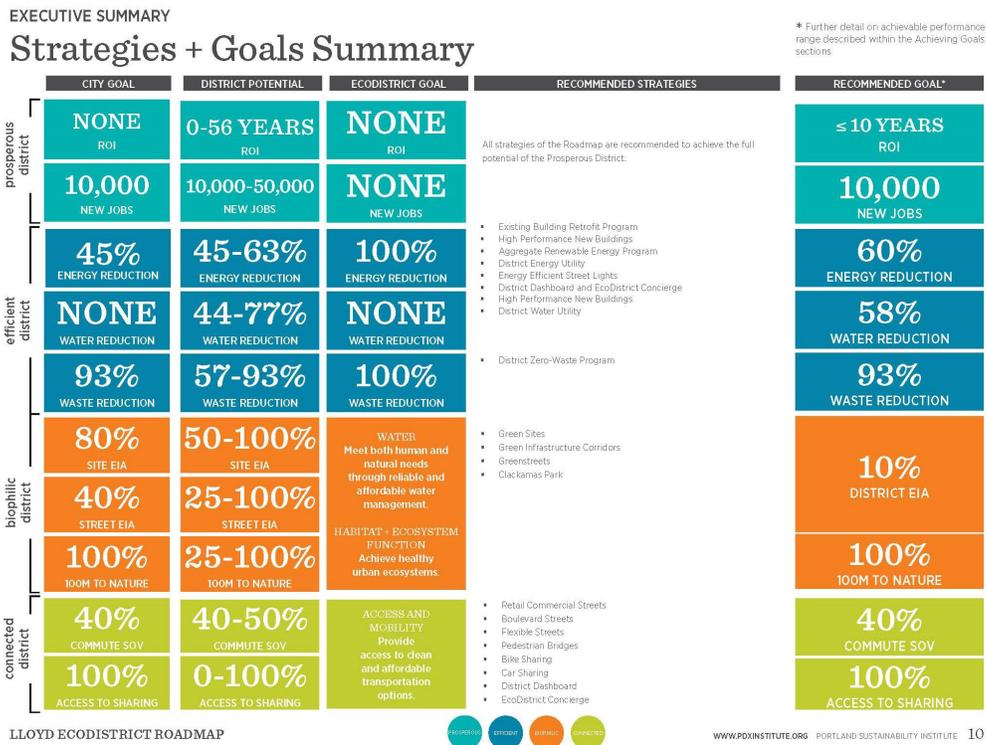


*Multnomah County carbon emissions from consumption by category (Consumption-based inventory, 2011). Source: Portland Bureau of Planning and Sustainability*

## Applicable local and state climate protection measures

The City of Portland has long been a global leader in addressing climate change. In 1993, Portland became the first city in the United States to adopt a local plan to address climate change. Since then, while carbon emissions have increased nationally, Portland and Multnomah County have achieved significant declines in emissions. In 2014, total emissions were 21 percent below 1990 levels. In 2016, Portland won the C40 Cities award for “Best climate action plans and inventories project.”

Per the 2015 update of this plan, “the City and County established a goal of reducing local carbon emissions 80 percent from 1990 levels by 2050, with an interim goal of 40 percent by 2030.” To achieve this, the Climate Action Plan outlines goals for buildings and energy, transportation, consumption and solid waste, food, urban forests, preparation, community engagement and government operations. As highlighted in our 2012 Roadmap, Lloyd EcoDistrict seeks to align our goals with the City’s goals in the following ways:



The intersection of climate and social equity first appears in Portland’s and Multnomah County’s 2015 Climate Action Plan. Climate equity is addressed beginning on page 42. This is the definition of climate equity that the Bureau of Planning and Sustainability uses:

*“Climate equity ensures the just distribution of the benefits of climate protection efforts and alleviates unequal burdens created by climate change. This requires intentional policies and projects that simultaneously address the effects of and the systems that perpetuate both climate change and inequity.”*

## C. WORKPLAN

### Climate Protection in the Formation Phase

Lloyd EcoDistrict is long past the formation phase, having functioned as an EcoDistrict since 2011. The following work plan describes specific tasks and responsibilities that Lloyd EcoDistrict and its partners have and will undertake as part of the on-going work to build climate-protecting processes and outcomes in Lloyd. Many tasks have already been completed or are ongoing. Those which have yet to be completed will be done in conjunction with our updated Roadmap.

<p><b>Done</b></p>	<p>We have engaged stakeholders from the Lloyd community to participate in and lead our board and committees.</p> <ul style="list-style-type: none"> <li>a. Small businesses, employee groups and residents</li> <li>b. Representatives for vulnerable populations</li> <li>c. Representatives from local government, including Metro Regional Government, the City of Portland and Prosper Portland</li> <li>d. Owners and operators of large commercial buildings in the district, including Oregon Convention Center, Rose Quarter, Lloyd Center Mall and American Assets Trust</li> </ul>
<p><b>Done</b></p>	<p>We have engaged key expertise in creation of our board.</p> <ul style="list-style-type: none"> <li>e. Sustainability consultants and design professionals, including RWDI, a consulting group, and GBD, an architecture firm</li> <li>f. Waste and transportation system operators</li> <li>g. Energy utilities, including Bonneville Power Administration and Pacific Power</li> </ul>

### Climate Protection in the Roadmap Phase

Lloyd EcoDistrict created a Roadmap in 2012. Updating that Roadmap is dependent on securing grant funding. We envision the entire process taking nine months from the point of receiving funding.

**Task 1.** Review existing roadmap and identify gaps, and opportunities where roadmap can be updated to include climate protection.

**Task 2.** Establish meeting logistics and procedures to ensure participation of vulnerable group members in planning processes and committee meetings. Measures include meeting timing, pre-meeting orientations, one-on-one meeting, and language translation.

**Task 3.** Engage stakeholders to update roadmap and reframe roadmap GHG reduction goals in terms of greenhouse gas (GHG) emissions reductions.

**Task 4.** Analyze baseline conditions for climate protection in terms of GHG emissions impact and track over time.

**Task 5.** Analyze conditions and track progress toward the following climate protection performance area goals: waste, water, habitat, and transportation, while maintaining alignment with or exceeding City policy.

**Task 6.** Analyze all projects and programs for their carbon impact potential. Use this analysis to prioritize projects with high-carbon sequestration or GHG emissions reduction potential.

**Task 7.** Update roadmap to include GHG emissions targets and benchmarking for different emission sources.

## Projected Schedule – Climate Protection Tasks in the Roadmap Phase

		2021		
		Q2	Q3	Q4
<b>Task 1</b>	Review existing roadmap			
<b>Task 2</b>	Establish meeting logistics to ensure full participation			
<b>Task 3</b>	Engage stakeholders			
<b>Task 4</b>	Analyze baseline conditions			
<b>Task 5</b>	Track progress			
<b>Task 6</b>	Analyze and prioritize projects			
<b>Task 7</b>	Update roadmap to include GHG targets			

## Climate Protection in the Performance Phase

**Task 8.** Work with stakeholders on an ongoing basis to reduce consumption of energy and water and reduce waste generation.

- a. Reduce carbon emissions and energy consumption through efficiency of commercial building operations.
- b. Provide access to clean and affordable transportation options, emphasizing multimodality and accessibility.
- c. Improve urban habitat and ecosystems, promoting a nature-friendly urban design with native and diverse vegetation that reinforces watershed protection.
- d. Optimize materials management and increase waste recovery through preventing waste – especially of food – reusing and salvaging materials and recovering any remaining waste through composting or recycling.
- e. Manage water through conservation, capture, reuse and on-site management.

**Task 9.** Produce an annual report on district data that includes building energy and waste performance.

- a. Expand annual reporting to include smaller businesses and residential buildings.
- b. Analyze GHG emissions, starting with scopes 1 and 2 analysis of building energy consumption with the expectation that we will increase to include all of scopes 1 and scope 3 emissions.
- c. Use these results to identify opportunities for performance improvements.

**Task 10.** During the two-year reporting cycle, conduct an analysis of existing strategies relative to carbon reduction impacts and seek ways to strategically improve outcomes.

**Task 11.** Evaluate input from outreach groups to determine what ideas are feasible as new programs.



A flower vendor sets up shop at the Lloyd Farmers Market.



Volunteers clean up Peace Memorial Park, in preparation for a new pollinator-friendly design

## D. RESPONSIBILITIES AND SCHEDULE

Lloyd EcoDistrict has been responsible for the formation, roadmap and performance phases related to climate protection. Together with a collective of stakeholders, we work to develop strategies to achieve these roadmap goals.

As mentioned previously, the original Lloyd EcoDistrict Roadmap was completed in 2012.

We have developed action plans to address the areas of energy efficiency and waste reduction and are working to implement projects in support of our roadmap goals, with many projects to be complete within five years. We reassess our planning efforts every two to three years. We report out on progress on utility data every year, any year and will continue to expand our tracking and reporting of metrics associated with our roadmap goals. We reengage with stakeholders in implementing and assessing performance on these projects on an ongoing basis. These stakeholders also implement specific projects within their spheres of influence and participate in collaborative projects whenever feasible.

As described in the Equity and Resiliency sections, the Lloyd EcoDistrict Action Forum is the stakeholder committee responsible for on-going implementation of the tasks listed above, in conjunction with staff, the External Affairs Committee and the Lloyd Board of Directors. LEAF members will determine how to develop suggested Climate Protection actions into organizational projects.

The Imperatives Outreach process resulted in a summary of workgroup project ideas and priorities. Tasks 8-11 above come directly from this summary. We shared the summary with community stakeholders and promoted it as a resource at the October 24 Visioning Lloyd community meeting and on the Lloyd EcoDistrict website. The further exploration and implementation of these tasks will be determined by LEAF members and partner organizations.



Our eBike Challenge fostered friendly competition between Lloyd neighbors.

The following is a general schedule for the implementation of tasks in the Performance Phase:

### Climate Protection Tasks

		2019				2020				2021			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Task 8</b>	Coordination with Stakeholders on Reduction of Energy, H2O, and Waste												
<b>Task 9</b>	Annual Reporting of District Data												
<b>Task 10</b>	Review carbon reduction strategies												
<b>Task 11</b>	Determine feasibility of new Programs generated by Outreach												

## **E. INDICATORS**

Direct Indicators and Indirect Indicators within Sphere of Influence:

### **Direct Indicators**

- Percentage of buildings benchmarked and measuring energy performance
- Annual energy use intensity for buildings in the district
- Annual tons of GHG emissions per capita from building energy use, transportation and waste
- Percentage of annual electric supply generated from district-based renewable sources
- Percentage of waste diverted from landfills annually

### **Indirect Indicators**

- Total waste generated, total weight of waste sent to landfill, total weight of recycled material, total weight of organic waste composted
- Number of district businesses participating in recycling
- Number of district businesses participating in organics collection
- Number of district businesses participating in reuse or exchange programs

## **F. EVALUATION AND ADJUSTMENT**

Lloyd EcoDistrict produces an annual report using ENERGY STAR Portfolio Manager data to report district utility data. Originally focused only on energy use, the program will begin tracking waste metrics through Portfolio Manager in 2019. This report is produced with the participation of district stakeholders and the results guide the implementation and evaluation of projects that support district climate protection goals.

## **LETTERS OF SUPPORT.**

**Community organization or agency that will partner with Lloyd EcoDistrict in Equity Tasks.**

Multnomah County Joint Office of Homeless Services

**Community organization or agency that will partner with Lloyd EcoDistrict in Equity Tasks with Resilience responsibilities:**

Portland Bureau of Emergency Management

**Community organization or agency that will partner with Lloyd EcoDistrict in Climate Protection tasks:**

Energy Trust of Oregon



## JOINT OFFICE OF HOMELESS SERVICES

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February 28, 2019

Katy Ricchiuto

EcoDistricts

1028 SE Water Ave Suite 210

Portland, OR 97214

Dear Ms. Ricchiuto:

The Multnomah County/City of Portland Joint Office of Homeless Services is happy to partner with Lloyd EcoDistrict in their efforts to advance its Equity Imperative. We have reviewed the Lloyd EcoDistrict Imperatives report, and support their commitment to advancing equity efforts in our community. We look forward to supporting them as they focus their equity work on the following groups that are disproportionately vulnerable in their community: the houseless, service workers, low-income residents, the elderly, people of color, and youth.

We recognize that Lloyd EcoDistrict is a leader in creating public private partnerships to advocate for and work with Lloyd residents who lack safe, permanent housing. Through this work, they add critical value to on-going efforts to create a more inclusive and equitable community for our neighbors experiencing homelessness.

Sincerely,

Marc Jolin

Joint Office of Homeless Services

Multnomah County



## PORTLAND BUREAU OF EMERGENCY MANAGEMENT

Jo Ann Hardesty, Commissioner-in-Charge • Courtney Patterson, Director  
9911 SE Bush Street, Portland, OR, 97266-2562  
(503) 823-4375 • Fax (503) 823-3903 • TDD (503) 823-3947

February 4, 2019

Katy Ricchiuto  
EcoDistricts  
1028 SE Water Ave Suite 210  
Portland, OR 97214

Dear Ms. Ricchiuto:

The Portland Bureau of Emergency Management (PBEM) is pleased to support Lloyd EcoDistrict and to partner with them in their community preparedness and resiliency work. We have reviewed the Lloyd EcoDistrict Imperatives report, and its commitment to advancing resiliency efforts in our community. We believe that the actions outlined in this report add value to neighborhood work.

Lloyd EcoDistrict convenes neighborhood stakeholders, shares information and provides a platform for neighborhood planning. We look forward to continued collaboration with Lloyd EcoDistrict in their neighborhood resiliency work.

Sincerely,

Jeremy Van Keuren  
Community Resilience Manager  
Portland Bureau of Emergency Management

February 5, 2019

Katy Ricchiuto  
EcoDistricts  
1028 SE Water Ave Suite 210  
Portland, OR 97214

Dear Ms. Ricchiuto:

Energy Trust of Oregon is pleased to support Lloyd EcoDistrict in their efforts to advance energy efficiency, renewable energy and related work in the Lloyd district of Portland. We have reviewed the Lloyd EcoDistrict Imperatives report, and its commitment to advancing climate protection efforts in our community. We look forward to collaborating with them whenever possible as their work continues.

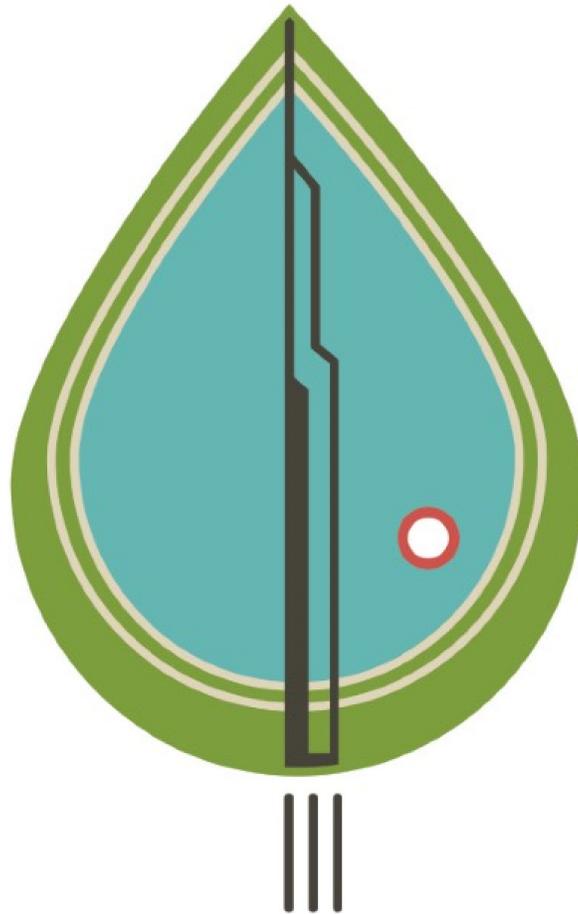
Energy Trust of Oregon and Lloyd EcoDistrict have worked together for more than 10 years to drive improvement in energy performance and benchmarking of energy use in commercial properties located in Lloyd EcoDistrict. All of this collaboration supports Lloyd EcoDistrict's leadership in advancing climate protection work at the local level and in pressing for meaningful projects to reduce GHG emissions. The work championed by Lloyd EcoDistrict adds incredible economic and environmental value to both the residents and businesses within the Lloyd neighborhood and the large goals for the City of Portland.

Sincerely,

Alex Novie  
Senior Project Manager - Commercial

## APPENDIX 1

Lloyd Listens-Community Meeting Notes



# LLOYD eco DISTRICT

Lloyd EcoDistrict Listening Session

July 31st, 2018,  
at the Portland English Language Academy at Lloyd Center

# Lloyd EcoDistrict Listening Session 1

## Executive Summary

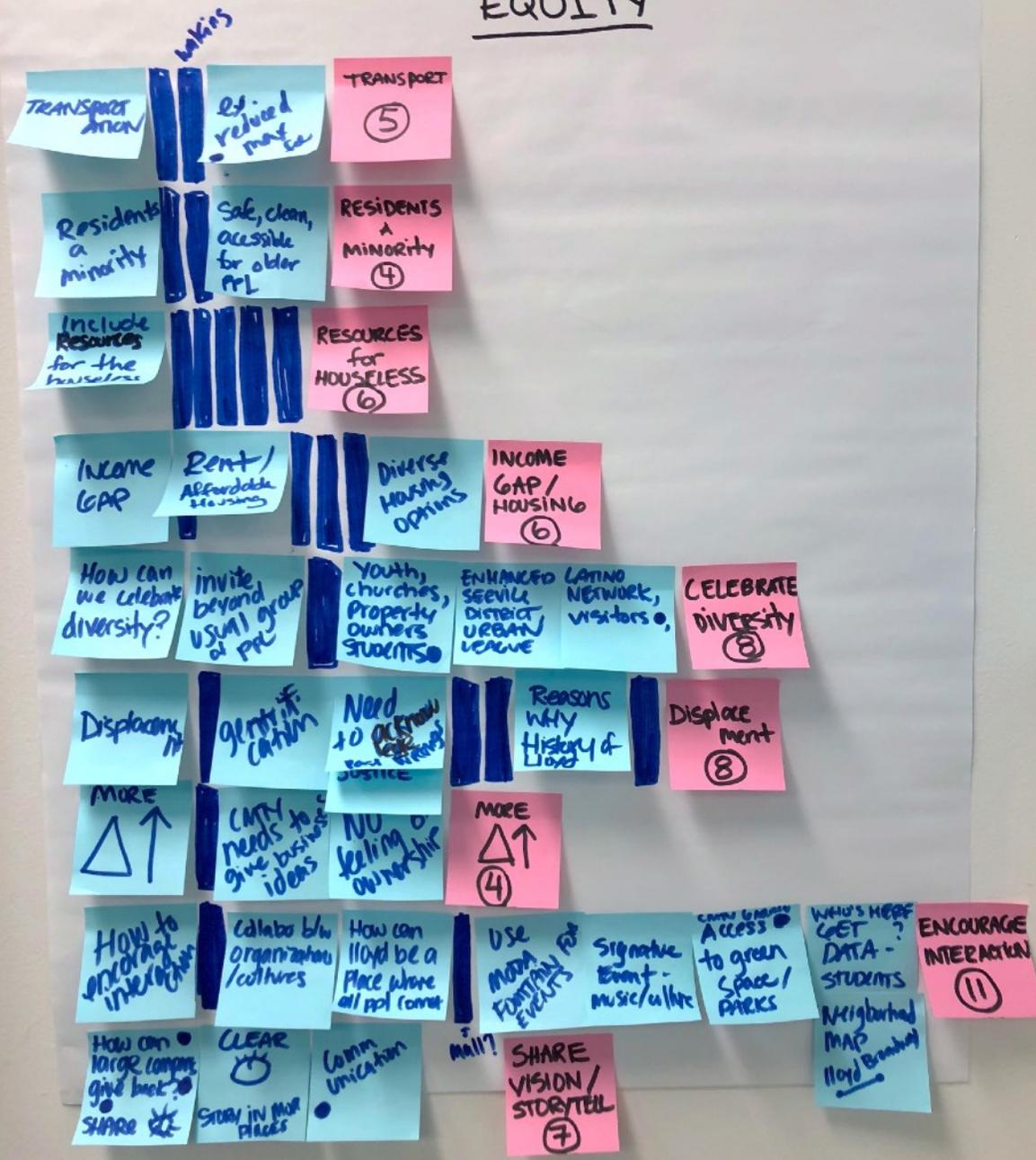
The following is a summary of the verbatim comments transcribed at Lloyd EcoDistrict Listening Session 1, held on July 31<sup>st</sup> at the Portland English Language Academy at Lloyd Center. We have tried to capture the essence of the comments and the emergent themes that the three facilitated listening stations discussed over the course of the evening. We synthesized prevalent ideas and issues discussed by participants, summarizing for each of the areas. A full transcript follows this summary to see the verbatim comments from each group.

## **Connection and Community**

Connection and interaction appeared as top recurring themes within all three discussion areas: Equity, Resilience and Climate Protection. People want to connect but they are not sure exactly how and where to engage. One idea that came up repeatedly was creating spaces for people to meet and learn. Additionally, comments and questions about how diversity can and should be explored through the Equity and Resilience initiatives appeared predominantly. Comments emphasizing the fact that participants are not aware of amenities or progress already in Lloyd came up in the resilience and climate action groups. The imperative of Resilience itself was discussed as a possible way of bridging or understanding how to merge equity and climate protection in term of Community.

From these insights, what opportunities can we identify as directives for Lloyd EcoDistrict to consider in work planning, future outreach and education?

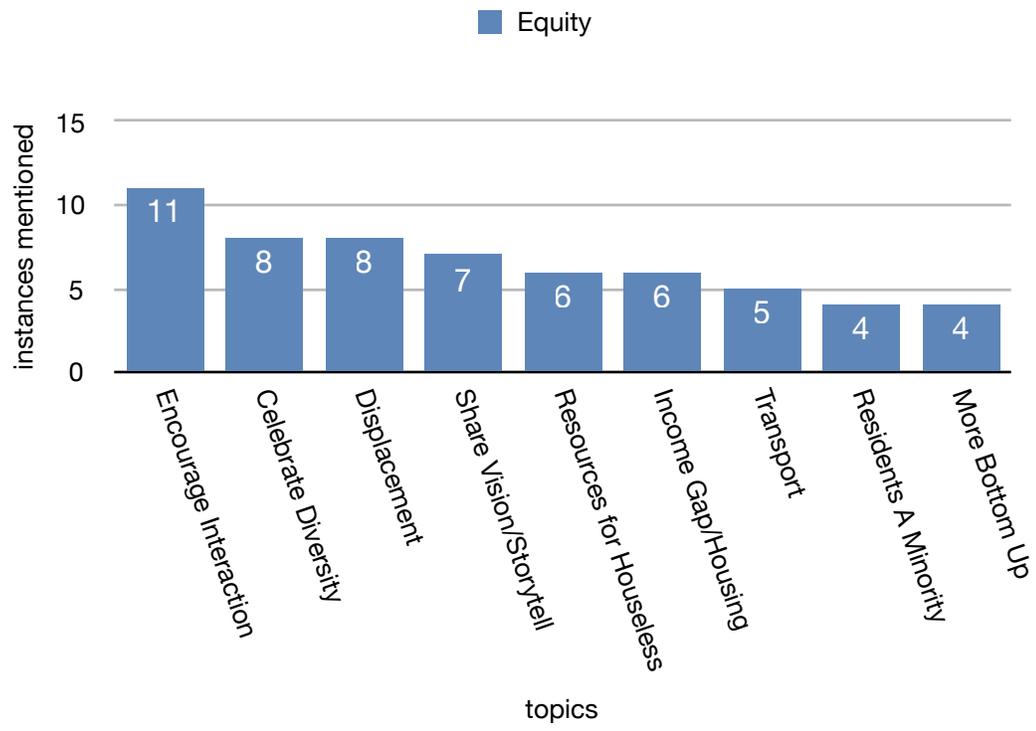
# EQUITY



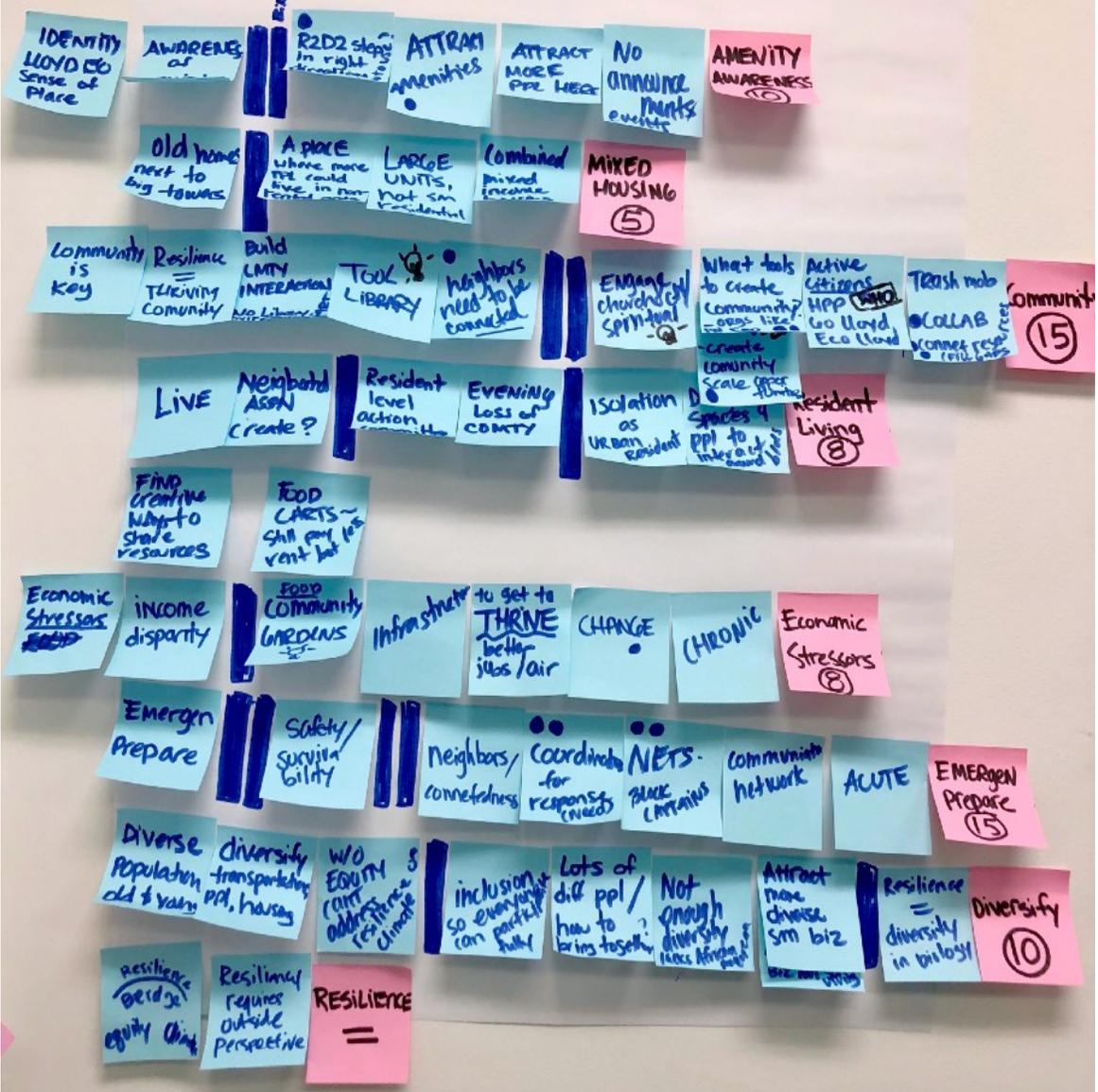
# Equity

Summary: Interaction among people in Lloyd and ways to spark connection came up most often during conversations around Equity. The need to celebrate diversity in Lloyd was mentioned as often as displacement. Communicating a clear story of Lloyd and sharing a vision where large companies give back to communities was prominent. Resources available also need to include the houseless and income gaps.

TOP THEMES	IDEAS PRESENTED
<p><b><u>Encourage Interaction</u></b></p> <ul style="list-style-type: none"> <li>• Collaborate between organizations and cultures.</li> <li>• Ways to make Lloyd a place where all people connect.</li> <li>• Access to green spaces and places.</li> </ul>	<p>Ideas : use Moda fountain for events, music/cultural event, green space, community garden access, Who’s here? neighborhood map, data collection</p>
<p><b><u>Celebrate Diversity</u></b></p> <ul style="list-style-type: none"> <li>• Invite beyond the usual group of people.</li> <li>• Make an inclusive place across organizations and visitors.</li> <li>• Engage Students, youth, churches and property owners.</li> </ul>	<p>Ideas: engage Enhanced Service District, Urban League, Latino Network, Visitors</p>
<p><b><u>Displacement</u></b></p> <ul style="list-style-type: none"> <li>• Gentrification.</li> <li>• Acknowledge past wrongs.</li> <li>• Reasons why — history of Lloyd.</li> </ul>	
<p><b><u>Share Vision / Storytell</u></b></p>	<p>Ideas: clear vision told in more places, communication</p>
<p><b><u>Resources for the Houseless</u></b></p>	
<p><b><u>Income Gap/ Housing</u></b></p>	
<p><b><u>Transportation</u></b></p>	<p>Ideas: walking, reduced max fee, U pass</p>
<p><b><u>Residents a Minority</u></b></p>	<p>Ideas: safe, clean, accessible</p>
<p><b><u>More bottom up</u></b></p>	<p>Ideas: Community gives businesses ideas, no feeling of ownership</p>



# RESILIENCE

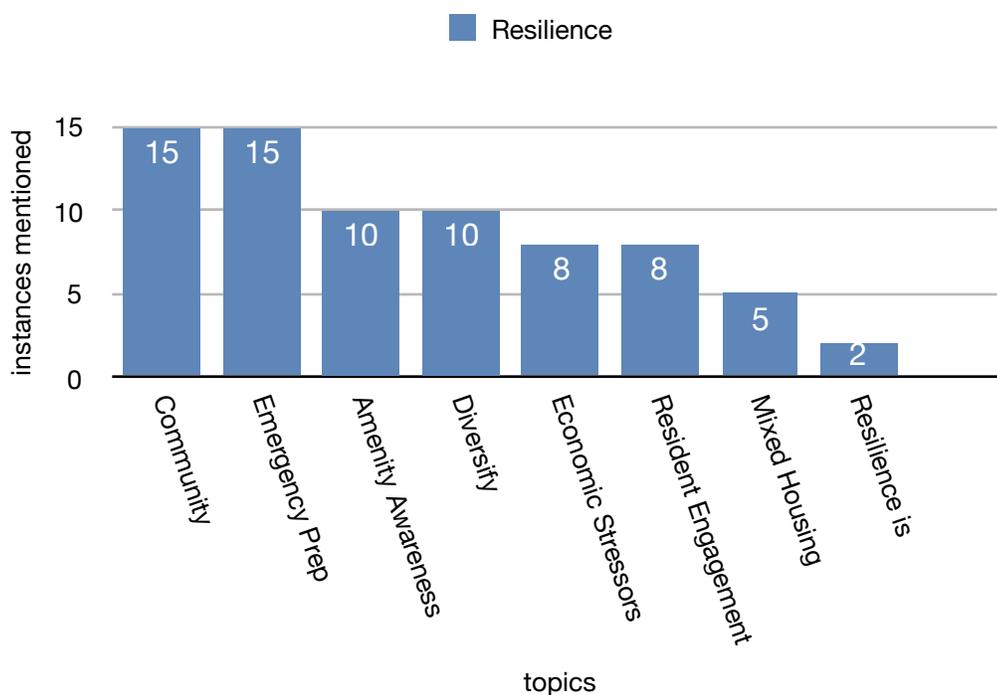


# Resilience

Summary: Community is a core theme to Resilience. Building community interaction and creating ways for members of the Lloyd community to help each other to prepare for an emergency were mentioned most often. Building a thriving, diverse community and awareness of the amenities in Lloyd were also mentioned. Creating a safe, active night life and alleviating economic stressors such as income disparity and change were recognized as important factors to foster neighborhood resiliency.

TOP THEMES	IDEAS PRESENTED
<p><b><u>Community</u></b></p> <ul style="list-style-type: none"> <li>• Community is Key, Build community interaction.</li> <li>• Neighbors need to be connected.</li> <li>• Community scale opportunities. Connect resources</li> </ul>	<p>Ideas: Tool Library, Engage church/spiritual centers Who? active citizens, HPP, Go Lloyd, Eco Lloyd, Trash mob</p>
<p><b><u>Emergency Preparedness</u></b></p> <ul style="list-style-type: none"> <li>• Coordination for response needed.</li> <li>• Survivability/ Safety, toolkit and neighbors.</li> <li>• NETS, access to a communication network.</li> </ul>	<p>Ideas: Enhanced Service District, Urban League, Latino Network, Visitors</p> <p>Acute stressors</p>
<p><b><u>Amenity Awareness</u></b></p> <ul style="list-style-type: none"> <li>• Awareness of amenities; ex. R2D TOO right direction, but do businesses/people know how to use it? wasn't aware of Bike farm?</li> <li>• No announcements of events.</li> <li>• Identity of Lloyd Eco as a sense of place.</li> </ul>	<p>Ideas: Does Lloyd Eco have an identity?, awareness campaign of community amenities, map the district</p>
<p><b><u>Diversify</u></b></p> <ul style="list-style-type: none"> <li>• There isn't enough diversity. Populations of old and young, people of color, transportation and housing.</li> <li>• Attract more diverse small business</li> <li>• Diversity means inclusion so everyone can participate fully.</li> </ul>	<p>Ideas: without Equity we can't address resilience or climate protection; Resilience = diversity in biology. How to bring everyone together? How do we create a welcoming place for all people to thrive?</p>

<p><b><u>Resident Living</u></b></p> <ul style="list-style-type: none"> <li>• At night the place is empty.</li> <li>• Isolation as an urban resident.</li> </ul>	<p>Ideas: Neighborhood Association, Resident level action committee, spaces to interact around buildings.</p>
<p><b><u>Economic Stressors</u></b></p> <ul style="list-style-type: none"> <li>• Income Disparity.</li> <li>• Get to Thrive, better jobs and air, infrastructure, adaptability</li> <li>• Change is part of Resilience</li> <li>• Chronic</li> </ul>	<p>Ideas: Food - community gardens, “Make Lemonade” ie, Find creative ways to utilize or share resources, Food Carts - still pay rent but less.</p>
<p><b><u>Mixed Housing</u></b></p>	<p>Support mixed income housing development, create a NA committee to support this</p>
<p><b><u>Resilience =</u></b></p> <ul style="list-style-type: none"> <li>• Resilience is a way to understand the relationship between equity and climate.</li> </ul>	<p>Ideas: Resilience requires outside perspective, Resilience is the bridge between equity and climate protection</p>



# CLIMATE PROTECTION

TRANSPORT ACTION

MORE bike

CAR SHARE ACCESS

Support Public transit

NEW Methods, incentives

Bike Team membership

Better walking corridors

TRANSPORT 15

BUILD SUPPORT IN community

How TO COMMUNICATE w ppl  
What we share

FOOD

Resident + COMM WORK TOGETHER

Encourage behavior change

Outreach inefficient

Connections

BUILD SUPPORT/connections 14

green house gases in ecodistrict

Waste mgmt - impact

FOOD

AIR QUALITY - Festival

WATER Recycling

Solar/ renewable Energy

PROB 10 12

VISION  
car non 50% car

WASTE resident + comm

AUDIT TO ID TOOLS, PSI STUDENT

What is the vision?

VISION 8

PEACE

Climate, Peace, SOCIAL Justice

Kindness

restorative justice - listening

Climate, Peace, SOCIAL justice 7

Thoughtful construction cultural + TRANSIT

GREEN infrastruc

SHARED WORK SPACE

NON-Motorized PATH access

Spaces to meet + learn

CONSTRUCTION 11

BE A MODEL PROJECTS/ PRACTICES

LAMP

Parking lot conversations

Metrics? patterns? DATA collect

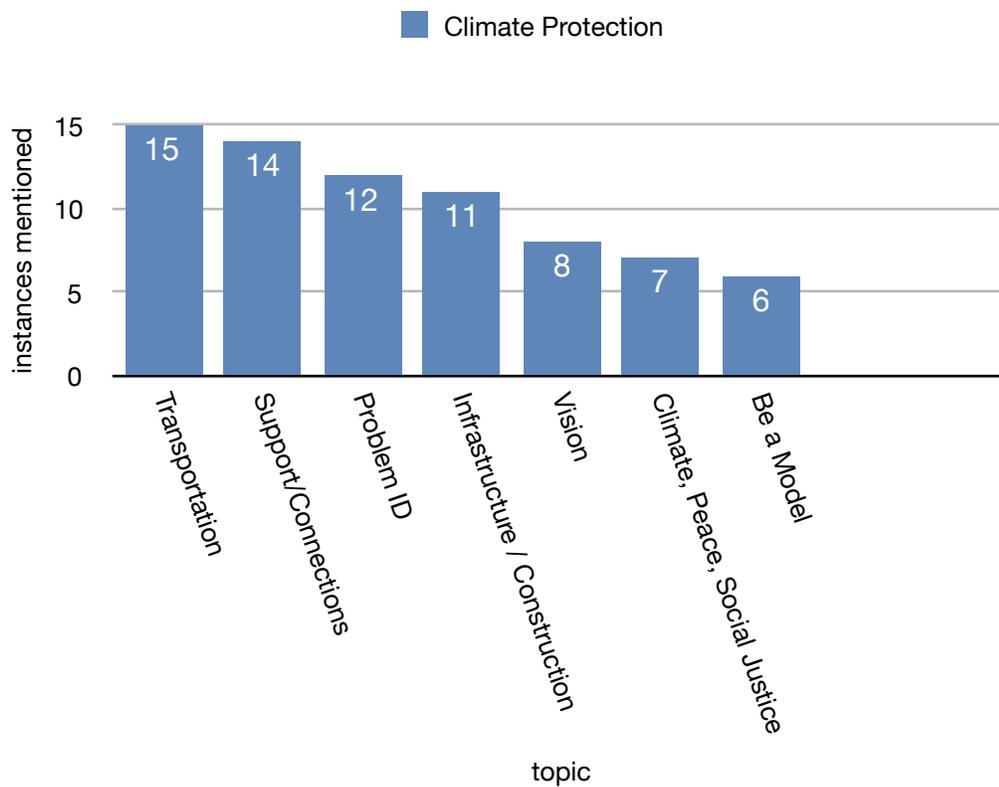
BE A MODEL PROJECT/ PRACTICE 6

# Climate Protection

Summary: Transportation was the number one intervention mentioned. More specifically, a need for new methods or incentives for people to seek alternate transportation than cars. Building support within the community was the second prevalent issue mentioned to encourage behavioral change. Communicating what we are doing and/or educating the public was included in barriers to support. Problems such as greenhouse gasses, water recycling and storm runoff were indicated. The most repeated thought was a need for green infrastructure, trees and shade.

TOP THEMES	IDEAS PRESENTED
<p><b><u>Transportation</u></b></p> <ul style="list-style-type: none"> <li>• New methods and incentives for EcoDistrict residents, employees and visitors</li> <li>• more bikes, car share access</li> <li>• support public transit, walking corridors</li> </ul>	<p>Ideas: Biketown membership, employers incentives employees who ride bikes, Easier access to public transit, incentivized fee structure, non - motorized river access.</p>
<p><b><u>Support/Connections</u></b></p> <ul style="list-style-type: none"> <li>• Build support in community, connect individual to community, spaces to meet and learn.</li> <li>• How to communicate what we are doing, education, encourage behavior change</li> <li>• Residents and commerce work together.</li> </ul>	<p>Ideas: Make outreach more efficient, Reach people where they work, play and live. education component, spaces to learn.</p>
<p><b><u>Problem Identification</u></b></p> <ul style="list-style-type: none"> <li>• Greenhouse gasses in EcoDistrict.</li> <li>• Waste management impacts, food.</li> <li>• Water — recycling, storm water, runoff</li> <li>• Solar / Renewable energy</li> <li>• Air Quality, freeway</li> </ul>	<p>Ideas: Do we have better tools for problem ID? Data collection, patterns, hotels to share data, student engagement</p>
<p><b><u>Infrastructure Construction</u></b></p> <ul style="list-style-type: none"> <li>• six mentions of green infrastructure, trees and shade</li> <li>• thoughtful construction – cultural and transit access</li> </ul>	<p>Ideas: non-motorized river access, green corridors, shared workspaces</p>

<p><b><u>Vision</u></b></p> <ul style="list-style-type: none"> <li>• 0 car, 50% non car</li> <li>• 0 waste, resident and commercial</li> <li>• what is the vision? shared?</li> </ul>	<p>Ideas: Audit to ID tools, PSU Students sort waste</p>
<p><b><u>Climate, Peace and Social Justice</u></b></p> <ul style="list-style-type: none"> <li>• connected</li> <li>• what is the relationship of kindness, justice, peace to climate protection</li> </ul>	<p>Ideas: Peace, Kindness, restorative justice- listening</p>
<p><b><u>Be a Model</u></b></p> <ul style="list-style-type: none"> <li>• lloyd EcoD should strive to be a model for others</li> </ul>	<p>Ideas: More LAMP, Parking Lot Conversations, Data Collection/ Metrics Patterns</p>



## Lloyd Listens – July 31, 2018 – Verbatim Notes

### EQUITY — Group 1

1A

safe, clean accessible for older people	planned communities all over world Singapore example: clean, safe, but boring
less safe	to create equity, need to acknowledge past wrongs
resources for the houseless	community fatigue when tokenize a community
homes, jobs	approach should be bottom up
big income gap	More community events that bring people to Lloyd
reasons why history of Lloyd	partnership, celebration of diversity
demographic change who has been displaced/ gentrification	Lloyd as place where all people can connect
role of developers/ displacement when Moda Ctr initially built /effort now to contribute/ acknowledge	acknowledge past history
more bottom up empowerment, people don't feel like they own this place anymore	can the mall be a connector?
who do we empower	can we invite people beyond usual group of people?
how to encourage more interaction	
Restorative justice bring back people who were pushed out	

## EQUITY — Group 1

1B

<p>this group doesn't represent Lloyd diversity – youth, etc.</p> <p>bring youth to the table – esp. youth of color</p>	<p>recognition for students example: high school who volunteer with Lloyd, internships</p>
<p>what is the role of churches in equity? example: church teams in MLK Dream Run</p>	<p>bags/ kits for the homeless</p>
<p>how to achieve equity for all? we just bring the people we already know</p>	<p>need to include homeless in equity efforts / poor people</p>
<p>how can large companies give back to the district: growth, safety, clean</p>	<p>jobs / roles for homeless</p>
<p>some companies don't have same vision as the district: focus on property owners</p>	<p>need more waste bins – esp. by transit stops</p>
<p>owners set standards for their tenants</p>	<p>coordinate more with Enhanced Service District</p>
<p>need to do a better job of sharing the values/ telling the story example: Model the Way Awards</p>	<p>volunteerism: clean-up days, community service; whole group comes together)</p>
<p>more collaboration between organizations/cultures in the area working for the same goal</p>	<p>volunteerism: clean-up days, community service; whole group comes together</p>
<p>clear message about EcoDistrict work/goals tell the story in more places – schools, etc.</p>	<p>involve diverse groups like: Urban League, NAACP, Latino Network</p>
<p>marketing / branding</p>	

## EQUITY — Group 2

2A

what does equity mean at the neighborhood / Eco-District level?	improve physical access for seniors: example Calaroga Terrace
example of equal access – elderly re: bike lanes, blind re: Hassalo Wells	businesses have snow/ice clearance plans – shared public services
how to invite displaced back into Lloyd – welcome to Live/Work/Play	equity in transportation: focus on walking and accessibility for wheelchairs (curbs, ramps) – electric scooters block sidewalk
signature event: Albina Vision Event celebrating music/culture – in Lloyd – involve all Lloyd groups	pedestrian signals: make “walk” automatic w/o pushing buttons
Holladay Park historically central to neighborhood culture /families	more painted crosswalks
national night out -> more inclusive	convention center: communicate with Lloyd better
how to be an ally – raise up unheard voices – use businesses to fund this	use Moda Center fountain for community events, involve high school students and homeless
need improved communication of community activities / events example: holiday park plaza not informed of park events	
communication: need central calendar (or website/ printed) of Lloyd events and volunteer opportunities	

## EQUITY — Group 2

2B

street people need access to resources	building community – gathering spaces
provide jobs for people with all skill levels	goal to grow number of residents
expensive rents	how to make people who work and move through Lloyd more a part of the community
renting to people with money moving to Portland [and displacing people here]	residents are minority here
working poor risk losing homes	source of strength but also a handicap, residents who live here great resource
need more affordable housing	what is projection for the number of new residents?
example: project at Grand and Holladay	how do businesses give back to the community? what does it look like?
example: reduced max fee for seniors on Westside (\$20 for annual pass alt)	Businesses need to listen + follow-up
Tri Met example for low-income citywide	promote sense of community
Create more jobs, resources to assist people to get a job	community needs to give business the ideas, tell them concerns
access to parks, community gardens, green space	affordable housing

## EQUITY — Group 3

3A

<p>people who travel through Lloyd          how they're engaged – diverse groups          good opportunity for equity gains          – get better data on this?          – how can their voices be heard?          – get their input</p>	<p>define equity: mix of business sizes – need          more mid-sized – maintain balance          – coordinate with urban planning          – ID + seek business types needed – based on          community needs          – network of commercial landlords</p>
<p>annual report/profile: lloyd people          use college students for data</p>	<p>who is here? Map the District</p>
<p>how to change public perception of Lloyd as          high crime area (Max, Holladay Park)</p>	<p>neighborhood map for the public</p>
<p>guerrilla marketing – promotional items people get          as they pass through Lloyd</p>	<p>Broadway: Lloyd connect with more to          promote equity</p>
<p>diverse housing options: different income          levels/housing that meets different needs</p>	<p>bring more people to Lloyd – different kinds          of people</p>
<p>community garden? roof top gardens,          edible landscaping</p>	<p>issues? homelessness – how to involve          homeless? R2D2 does this</p>
<p>who is vulnerable in Lloyd?          residents, businesses, workers, people          passing through</p>	<p>resource / navigation center</p>

## RESILIENCE — Group 1

1A	
R2D2 step in right direction for resilience – do businesses know about it & how to use?	bike farm, didn't realize it was there
how to bring more people to the neighborhood?	how do you create a neighborhood association in the context of Lloyd/mailling list?
place to live – what are the attractions?	apartments that (are not) rented — can EcoDistrict be a place where more people could live in non-rented apts
what are the places to gather, bars haley park?	
resilience, durability, the systems, earthquake, ride bike to work	community gardens as resilience – on top of parking lot
policy for buildings to fix themselves, does this make people nervous?	Psion [peace?] park – empty not feeling safe – turn something else
old Victorian homes next to big towers. How do we build resilience while not remodeling?	economic stressors, food, planted, berries
how do we bring a sense of community to new buildings?	Lloyd Community Association, opportunity residents
ways to spread knowledge /amenities how to use	Resident level action committee idea
activate the plaza/ is this a place to hang out?	tool library
food carts, in parking lots, place to be, evening loss of community	

## RESILIENCE — Group 1

1B

hard to see as community now can only think emergency	places people work, harder for emergency/resiliency
Sullivan's Gulch involved elderly/young different abilities	More coordination key for response
people pass through - thoroughfare	what kinds of tools could help people create community here - orgs like Lloyd Eco - communication network
lots of different people, cohorts/ how to bring together -> if can -> stronger	provide opportunity for people to meet neighbors - like a park, 1-on-1 communicate - individuals need to know each other
kids in park, biz, pass by men/women	NETS - Block Captains - prepare households door-to-door - only 1 piece - City PBEM wants to design programs so people will be receptive/want
safety / survivality	active citizens at HPP - involved - sustainability
infrastructure	R2D2 - action as individuals
emergency only gets so far	meet as a group, smaller groups meet to move food - since one presentation - start building pods, etc.
community is key	How to <u>scale</u> up? [arrow connects to words "active citizens"]

7th St. Park – Oregon Square – Music there – this could be more –get announcements get <u>all</u> neighbors there	lack opportunities to engage across demographics – older have time, stable – younger can’t engage w/ peers so don’t feel welcome
no announcements for comm events right now	create a way to build community
Lloyd = identified as businesses	a communication network
HPP = community itself – maybe different?	need to know what each other can do in emergency
Orange Theory – community at places like that	identify needs — get resources
know people in your building, but maybe not beyond	this piece can help create
typical NET volunteer 57-year-old white male – hard to engage younger – so many identities – spouse, student, jobs	tonight is creating community
community cohesiveness – what groups join people together now?	

## RESILIENCE — Group 2

2A economy — mall (stores) small/big business not surviving – Norstrom gone	marketing – internet as tool
means less interest / attract here – domino effect if mall went under	how to create sense of Lloyd as a place —brand identity, Lloyd eco??
diff businesses could share space – maybe could survive	NET in Lloyd – who is that? – city won’t be able to help for 2 weeks – Lloyd 2 week plan
find creative ways to share resources – like food carts – still pay rent but less	education
could create hot bed/incubators to attract more business – city did this downtown helped support business remodels	red cross comes
resiliency = diversity in biology	economic impacts
different lifestyle / needs can’t get wiped out	residential — MF / density is more
L Center has been dominated by big, but attract smaller more diverse -> attract more people here	design to provide spaces for ppl to meet / interact around blogs
communication: need central calendar (or website/ printed) of Lloyd events and volunteer opportunities	currently lacks African American – not enough diversity – more is better
EcoD – relationships – mobilize our resources/ connections to big entities	maintain community w/ growth – how to reverse if worsening?
Lloyd Eco – collab approach	Lloyd Ctr has back-up? generator for lighting only
Lloyd Eco – create contingency plan	chronic – economic support, diversity, minimize long-term changes acute – earthquake – categorize and address both
who is emergency mgr – city will but as indiv- all nonprofits – Lloyd Eco/ GoLloyd collaborate and help city	lloyd eco more powerful on chronic

take care of self 1st	education
recovery after an event too	connect the dots to resources
sense of community — its better now then before – GoLloyd helps, Ecolloyd collab, Trash mob – helps	tie in with other orgs – fill in the gaps

## RESILIENCE — Group 2

2B

until “the big one”	build interaction where people get to know each other
in life changing event, would my neighbor survive	transit populations in the lloyd district to take care of people in need while it presents an uncomfortable situation —> income disparity
aging population, situated as a place for retired. how is this attracting them while being vibrant for younger people?	large units going up, not many of the smaller residential areas
how is Holiday park represented. lloyd community calaroga?	theatre going up
residents and businesses communicate together	attract amenities here
balanced with day to day – stressors, hot days, flooding, etc.	how does a revitalization here impact other areas, is it negative for small biz
diversity of transportation, ppl, housing options important for resiliency	individual business adds character not the chains
survive and thrive are opposite wholes. how do we engage from surviving to thriving?	nordstrom being a nightclub
to get to thrive, better jobs and cleaner air	concern is isolation as an urban resident
how do we build a sense of community in a place where people leave at night? what draws people here? no libraries, art galleries, indie entertainment	what makes resilience is a thriving community – implement community engagement at the management level

## RESILIENCE — Group 3

1A

only definition that uses “stakeholders” -> does this resonate with me? not necessarily	resiliency in action where people are talking and sharing
Resiliency requires outside perspective	no one has said the emergency kit has saved your life, but your neighbors [will] but if no one has one [an emergency kit] then what you gonna do
Educating not on past but continual changes -> creating opportunity at a community wide scale	people be more connected -> most important thing – never known neighbors working harder to do this
feeling important personally, but how do we do this at community scale example: community response to flood	the church community->potential to engage haven’t done much – think more about how we can be more supportive when ppl can’t find their way
vortex 1, gathering during antiwar with American Legion coming to Portland, incredibly creative to divert the problem-people responded	more connected here at lloyd with spiritual
making lemonade-admire this situation as resiliency	combined / mixed income housing – need to make more affordable for all to be resilient

emergency preparedness	displayed in the middle because it forms a bridge for things that from environment and health equity toxins
gap if we are going to talk about	equitable living for the entire community, health
equity, superstructure behind all the things that follow. the foundation can't address resilience or climate	inclusion so everyone can participate fully
equity is talking about stakeholders – everyone as a group gains by participating, only the 1% has nothing to lose	adaptability- supporting ppl as they go thru life change – physically it becomes easy to be attached to ideas
reasonable jobs with living wage to strengthen economy	change can be part of the norm to be resilient

### CLIMATE PROTECTION — Group 1

1A

transportation modes - 0 car centric	freeway air quality
50% of streets in ecoL non-car	1st car-free district
reduce pollution - more bicycle transport	climate, peace, social justice not separate – all inter-related
build support in community	correlation – peace – not peace – fuel production
peace action	peace – indiv, fam, comm, etc.
hot to articulate the connection to green house gasses in ecodistrict	waste management – impact – our climate
connection to our neighbors	nested systems
how do we communicate w/ people who live, work, visit re: what we are doing	air quality – burning regulations
demonstration – lead the rest	0 waste district -> residential, behavior changes, tech and products
climate major concern - what can we affect the most # of people coming into district, work, entertainment	sorting waste (PSU), waste audit to id tools for eliminating waste (in place 1 yr ago in lloyd)
weather monitors	

### CLIMATE PROTECTION — Group 1

1B

what does it mean to you? - solar/renewable energy - water recycling - [better] infrastructure - residential + commercial / work together/ connections - capture and balance energy usage	be a model for others - do more! - air quality (traffic + density) - outreach -> inefficient practices -> target - model "LAMP" for other programs
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transportation efficiency -> car share access - encourage behavior change	[more] trees and plants - improve landscape design - native plants and pollinators
get community involvement -how to handle [increased] populations -energy audits	shared workspaces (wework) - encourage remote working or shared to reduce travel
green infrastructure -increase green spaces - green roofs - gray water recycling - marketability of apts/condos	[increased] density
more than thoughtful construction -cultural aspects -public transit access	

## CLIMATE PROTECTION — Group 2

2A

what does it mean to you? - support public transit - food generation / waste - building systems - is definition too narrow? - stormwater management - where does it fit?	listen to community experts - civic - culture - educators
infrastructure - green spaces - garbage -> green spaces -> responsibility - disaster prep / recovery -> contain - flood / earthquake	connections and benefits mindset changes -> new audiences -> invite
transportation - new methods - changes mindset - less solo / more community	listen -> accountability -> bring to the table / create spaces
connections -> kind people -> caring	restorative justice
education -> communication	exposure to children (community)
reduce driving	spaces to meet and learn -> malls? where else?
less material possessions = slow down	lead/runoff from highway - impact to schools and city health
kindness and generosity - not measuring to bottom line	car-free? cap the freeway? what is the vision?
appeal to people = different message	reduce heat islands

## CLIMATE PROTECTION — Group 3

<p>3A</p> <p>what does it mean to you?          - what can lloyd do?          - community gardens          - parking lots (conversion)</p>	<p>reduce “no vision” building of parking lots          e.g. pilot projects on interim basis for lots, green spaces, etc.</p>
<p>how to take action soon?</p>	<p>work or live here = bike town membership or transit passes at discount</p>
<p>resident impact?          - reduce driving          - utilize public transit</p>	<p>cycle stations -&gt; free or discounted          more access to secure bike storage</p>
<p>employers in district should encourage biking / less driving</p>	<p>lloyd identity = incentives + marketability          - attract people to live and work here</p>
<p>sponsor events to encourage alternative transit          - sponsor events based on where ppl live and work</p>	<p>stakeholder engagement large business in district</p>
<p>subsidize transit passes</p>	<p>cap parking in the district</p>
<p>employee identification          - make group transit into district easier</p>	<p>[more] green spaces [more] tree canopy          better trees, more shade</p>
<p>collect metrics and stats on energy usage / commuting patterns</p>	<p>re-purpose areas that are neglected</p>
<p>invite employers to get info about employees data from hotels -&gt; transit passes?</p>	<p>make more inviting public spaces</p>
<p>access to the river - more attractive non-motorized</p>	<p>better walking corridors          - safer / community          - [less] cars [more] pedestrians</p>

**Parking Lot & Action Items**

TriMet should be here

Ann will follow-up via email on Lloyd population projections

NET info.

Who Else Should be Represented in this Group?

Minutes Sent to Attendees

## APPENDIX 2

### Lloyd EcoDistrict Work Group Members

#### Equity

EV Armitage	Central City Concern
Brenda Bell	Resident, Holladay Park Plaza
Cynthia Harris	Educator, Leadership Facilitator
Sarah Heinicke	Lloyd EcoDistrict
Sheila Holden	PacifiCorp
Keoki Kakigi	Rose Quarter

#### Climate Protection

Wing Grabowski	City of Portland
Molly Hatfield	Bonneville Power Administration
Sarah Heinicke	Lloyd EcoDistrict
Kellee Jackson	RWDI
Lisa Klein	Colliers (1201 Lloyd)
Nick Swanson	PacifiCorp
David Slawson	East West College

#### Resilience

Elaine Aye	RWDI
Ryan Harvey	Oregon Convention Center
Sarah Heinicke	Lloyd EcoDistrict
Keith Jones	Livable Lloyd
Jeremy Van Keuren	Portland Bureau of Emergency Management
Chris Tanner	resident, Sullivan's Gulch Neighborhood Emergency Team (NET)
Stephanie Wetjen	Urban Renaissance Group

## APPENDIX 3

### Lloyd EcoDistrict Summary of Work Group Project Ideas/Priorities

Today + Current Stakeholders	Long-term + Current Stakeholders	Today + Future People	Long-term + Future People
Residential transit passes New resident packet	HOA / Property Manager training NET (BEECN dis-persal)	Public safety Pollinator corridor	Economic resilience topics - speaker series  ESD/ LCA NEBBA*
Green space inventory	Train the trainers (Holladay Park Plaza / Benson High School)	Urban gardens Holladay Park	Create actual breeding space (for pollinators)
GHG assessment	Community solar	"Bioresilience"	Parking lot reprogramming
Intersection repair project	Wider enrollment in Pacific Power's Blue Sky program (renewable energy program)	Benson High School Disaster Academy - kids instruct others	Street closures / neighborhood events
Lloyd is a Community Resilience District (CRED) = Community Hub	GHG Scope 3 assessment **	Landscape contracts – employment opportunity/CP opportunity (e.g., Verde model)	
Create a Neighborhood Emergency Team (Lloyd NET)	Map Lloyd community assets	Specifications guide for landscapers and property managers (standards for plazas, other green space)	
Pollinator corridor / community gardens	Community center in Lloyd Center (HPP, Benson, Kids, "Lloyd's Livingroom" like Pioneer Square)	Explore Salmon Safe certification	
Promote volunteer opportunities	Eco-Concierge / ambassadors	Promote field trips STEM/STEAM interns	
disaster academy – share information emergency preparation		Edible landscape, e.g., Portland Fruit Tree Project / sell at farmers market Rooftop, vertical gardens	