



LESLIE AGUAYO
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CHARGING INFRASTRUCTURE

EQUITABLE CHARGING INVESTMENTS

- 1. Define and operationalize equity**
- 2. Benefits to people, not place**
- 3. Remove barriers to the Green Economy**
- 4. Integrate Climate Resilience**

1. DEFINE & OPERATIONALIZE EQUITY

“Racial equity is transforming the behaviors, institutions, and systems that disproportionately harm people of color.

Racial equity means increasing access to power, redistributing and providing additional resources, and eliminating barriers to opportunity, in order to empower low-income communities of color to thrive and reach their full potential”



1. DEFINE & OPERATIONALIZE EQUITY

Making Equity Real Framework

1. GOALS, VALUES, MISSION

How is equity described in the context of the overall goal of the approach? Is equity a core component? Is it missing?

2. PROCESS

How does the approach propose to deliver outcomes with equity as a focus? How are decisions made or influenced by communities with less political power or voice?

3. IMPLEMENTATION

How does implementation lead to equity outcomes? What are the explicit equity outcomes described in the approach?

4. MEASUREMENT & ANALYSIS

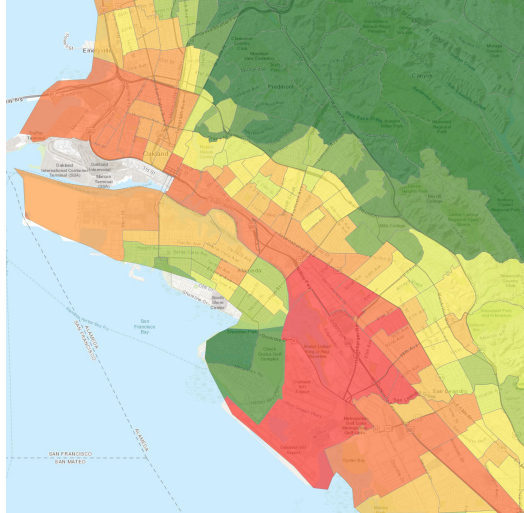
How is equity progress measured? How do we know that equity goals were achieved?





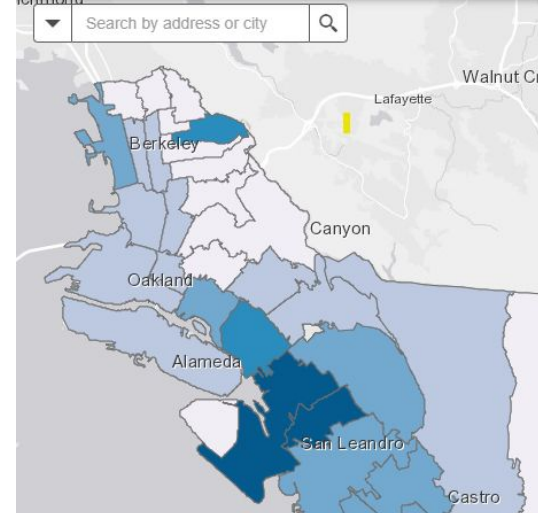
**1937
Oakland Redlining Map**

Disinvestment in redlined communities.



**2018
CalEnviroScreen**

Communities in red and orange suffer most from poverty and pollution



**Feb 10, 2021
Oakland COVID-19 Map**

Communities in dark blue have highest case rates of COVID

Measuring Equity

2. BENEFITS TO PEOPLE, NOT PLACE

- Ensure accessibility vs deployment
- Prioritize targeting funding to frontline communities first and foremost
- Set increasing minimum disadvantaged investment standards
- Include displacement avoidance language in our policies



ACCESSIBILITY VS. DEPLOYMENT

The difference between the two:

- Low density as a result of zoning (industrial, commercial, etc) where stations may be hard to reach
- Located in high income job centers or employee campuses only accessible to employees but in disadvantaged census tracts
- Off of major corridors easily accessible for commuters but not for local residents breathing in pollution from highways



The California Energy Commission's Role

TASK

Assess whether charging station infrastructure is disproportionately deployed

PARAMETERS

Population Income (low, middle, high)
Population Density
Geographical Area

GOAL

Inform proportionate deployment of charging station infrastructure



Statute Intent & Policy

- "That local entities not adopt ordinances that create unreasonable barriers to the use of electric vehicle infrastructure"
- "To promote and encourage the use of electric vehicle infrastructure and to limit obstacles to its use"
- "To increase access to electric vehicle infrastructure in all California communities"

3. REMOVE BARRIERS TO THE GREEN ECONOMY

6 Standards for Equitable Investment

1. Emphasize Anti-Racist Solutions
2. Prioritize Multi-Sector Approaches
3. Deliver Intentional Benefits
4. Build Community Capacity
5. Be Community-Driven at Every Stage
6. Establish Paths Towards Wealth Building



GREEN RAITEROS

- Community-owned electric ridesharing program
- Located in a low-income, rural farmworker community with poor air quality and high transportation costs



4. INTEGRATE CLIMATE RESILIENCE

- Land Use
- Sea Level Rise
- Wildfires
- Demographic changes
- Labor



SCHOOL BUS REPLACEMENT PROGRAM

- Battery electric school buses
- Charging infrastructure
- Workforce development



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Leslie Aguayo

Climate Equity

The Greenlining Institute

lesliea@greenlining.org

[@LaLeslieAguayo](https://twitter.com/LaLeslieAguayo)