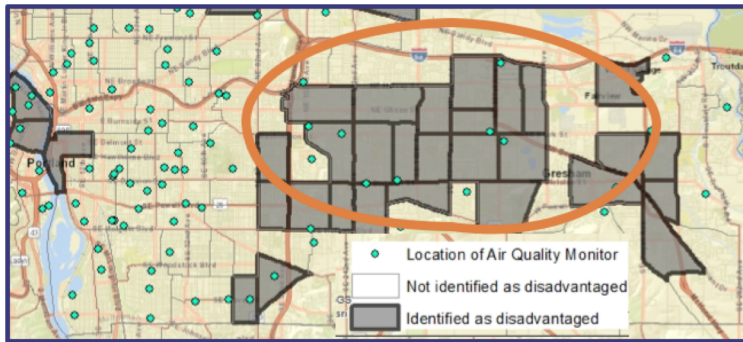# Change is in the Air

## Partnering for a Just Energy Transition

### Challenge

Baseline local air data are not available at the scale needed to address health equity, prioritize energy project implementation or evaluate claims of 'clean energy.'



Location of Air Quality Monitor
Not identified as disadvantaged
Identified as disadvantaged

### Coalition



BLUEPRINT FOUNDATION
CITY OF GRESHAM OREGON
Multnomah County
NOSO Environmental

**Change is in the Air**
Gresham Coalition

NEIGHBORS FOR CLEAN AIR
TETRA TECH
{ s e n s o r b o t }
Jacobs

### Goal

An energy transition that:
- reduces pollution burden through data driven solutions
- increases clean energy workforce development in under resourced and overburdened communities.

### Selected Outcomes

- Install monitors at locations in east county where baseline data is needed for advocacy and evaluating emission reduction interventions
- share with at least 100 active community members by 12/2023

### Process for Cohort 2

| ☑ Charter Coalition | ☑ Recruit student researchers | ☐ Workforce development | ☐ Expand network of monitors & conduct research | ☐ Support & assess interventions |
|---|---|---|---|---|

### Antiracist Coalition Structure

- ✓ Knowledge, resource, and power sharing
- ✓ Community-led Ideation
- ✓ Shared goals and objectives



### Inclusive Training

- ✓ STEM and sociocultural development
- ✓ Focus on energy sector high demand skills
  - Programming, electrical engineering, community engagement, study design
- ✓ Cohort peer-to peer learning

### Data-Driven Solutions

- ✓ Community-owned data platform for 'with community' solutions and project prioritization
- ✓ Community-led decisions for research topics
- ✓ Data informed advocacy and policy making