Change is in the Air
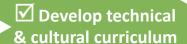
Challenge

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

CITY OF GRESHAM OREGON

BLUEPRINT FOUNDATION

Multnomah County

NOSO Environmental

Change is in the Air
Gresham Coalition

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nca NEIGHBORS FOR CLEAN AIR

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

- Data-informed decision-making at the individual, organizational, and institutional levels of society in the Portland Metro area.
- Increased confidence in climate resilience interventions based on impact data.

Strategies for Advancement

☑ **Develop technical & cultural curriculum** → ☑ **Recruit & train Black scientists** → **Expand network of monitors & conduct research** → **Produce a data platform to facilitate data usage** → **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

Support for Energy Transition Solutions

✓ Skilled BIPoC workforce
✓ Growing network of monitors at locations in east county where baseline data is needed for advocacy and evaluating emission reduction interventions
✓ Community-owned data platform for 'with community' solutions and project prioritization