



West Coast Climate & Materials Management Forum

November 19, 2024

Diversity, Equity, and Inclusion (DEI) in Materials Management

Zoom Logistics and Technical Orientation

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- For closed captioning of today's discussion, please select the closed captioning icon at the bottom of your screen.
- Participants are be muted upon entry to minimize background noise, and can unmute to speak.
- Please email jonathan.haarstick@erg.com if you experience any technical difficulties with Zoom.
- Please submit questions for discussion into the Q&A feature.
- Today's session will be recorded and shared at a later date through the Forum website at www.westcoastclimateforum.com



West Coast Climate Forum Webinar Series Disclaimer

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This webinar is being provided as part of the West Coast Climate and Materials Management Forum Webinar Series. The Forum is a collaboration of state, local, and tribal governments. We invite guest speakers to share their views on climate change topics to get participants thinking and talking about new strategies for achieving our environmental goals. Mention of trade names or commercial products does not constitute endorsement or recommendation for use.

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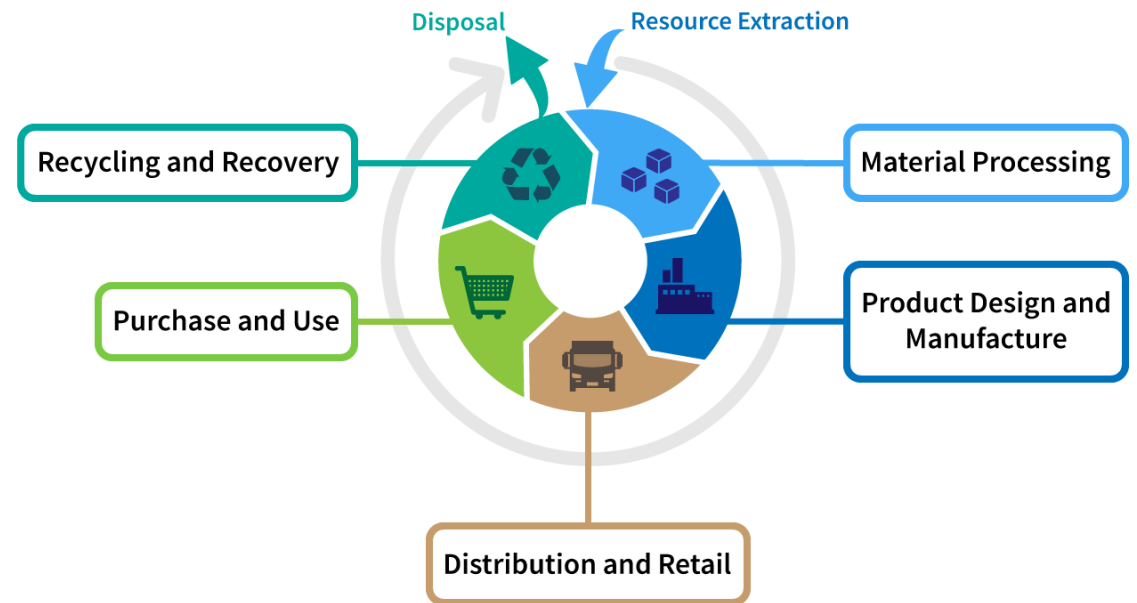
West Coast Climate
& Materials Management Forum

West Coast Climate & Materials Management Forum

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A collaboration of state, local, and tribal governments with the mission to:

- Develop ways to institutionalize sustainable materials management practices.
- Develop tools to help jurisdictions reduce the greenhouse gas emissions associated with materials



Agenda

- ❖ Setting the stage for the conversation
- ❖ City of Oakland, ECAP model and assessment
- ❖ Oregon DEQ, Recycling Modernization Act
- ❖ Q&A
- ❖ Final 30 minutes: facilitated conversation

Conversation Questions

❖ Final 30 minutes: facilitated conversation

What are some ways you have advanced DEI considerations in your work?

What are some additional ways in which you might further advance DEI considerations in your work?

Given upcoming changes in policy direction at the federal government, do you think it will be harder/easier/different to advance DEI considerations in your local/state work? Does this change create new opportunities?

Would you like a continuation of this discussion, and/or a forum to connect with peers in other communities on this topic?

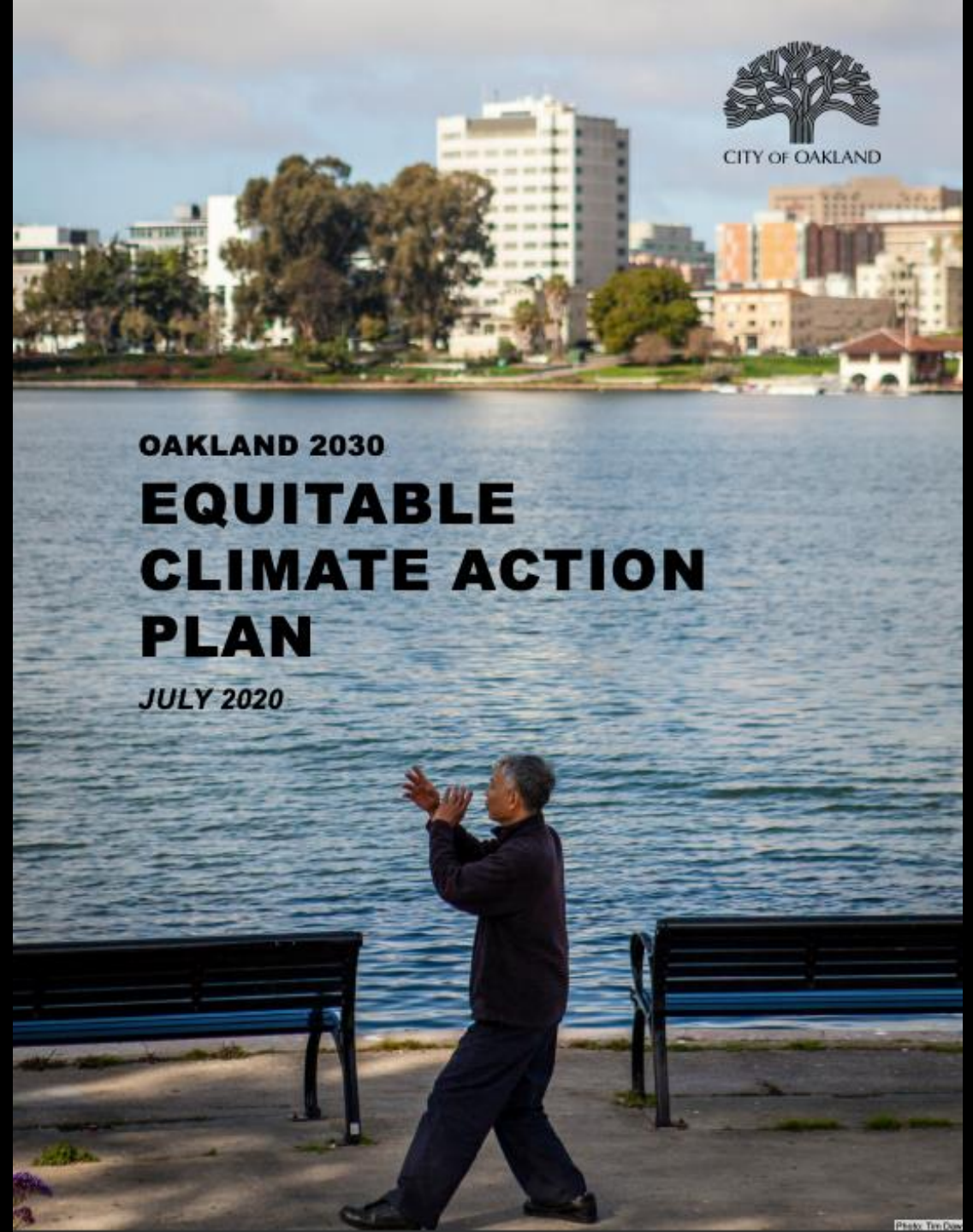
Oakland's

Equitable Climate Action Plan

Shayna Hirshfield-Gold
Climate Program Manager
City of Oakland
Shirshfield-gold@oaklandca.gov



OAKLAND 2030
**EQUITABLE
CLIMATE ACTION
PLAN**
JULY 2020



Racial & Economic Justice: Frontline Communities are Prioritized & Rooted

Oakland's 2030 ECAP

STOP Climate Change

ADAPT to Climate Change

Decarbonization

**Sustainable
Mobility**

**Circular
Economy**

**Green
Infrastructure**

**Neighborhood
Resilience**



Seven Integrated Sectors, 40 Actions

TRANSPORTATION + LAND USE



Vision
Integrated land use and access to safe, reliable, low-cost, high-quality mobility options for every Oaklander enable an equitable transition away from cars. Auto use is minimized, and all remaining vehicles on Oakland roads are electric.

BUILDINGS





Vision
Leveraging a clean electric grid, all buildings in Oakland have transitioned away from onsite fossil fuel use, creating safe and healthy interior spaces that are resilient, efficient, and accessible, prioritizing the needs of low-income and sensitive populations.

MATERIAL CONSUMPTION + WASTE





Vision
Oakland has eliminated disposal of organic materials to landfill and strengthened edible food recovery. By providing robust support for a circular economy and promoting low-carbon consumption, Oakland is reducing lifecycle emissions and boosting the local economy.

ADAPTATION





Vision
While Oakland continues its efforts to slow and reverse climate change, resilient infrastructure and risk reduction measures are in place to address the immediate and foreseeable climate risks to health and safety, particularly in frontline communities.

CARBON REMOVAL





Vision
From traditional to innovative approaches, the City partners with the community to remove carbon from the air, reducing Oakland's overall GHG emissions as well as enhancing community resilience, strengthening public health, and building the green economy.

CITY LEADERSHIP



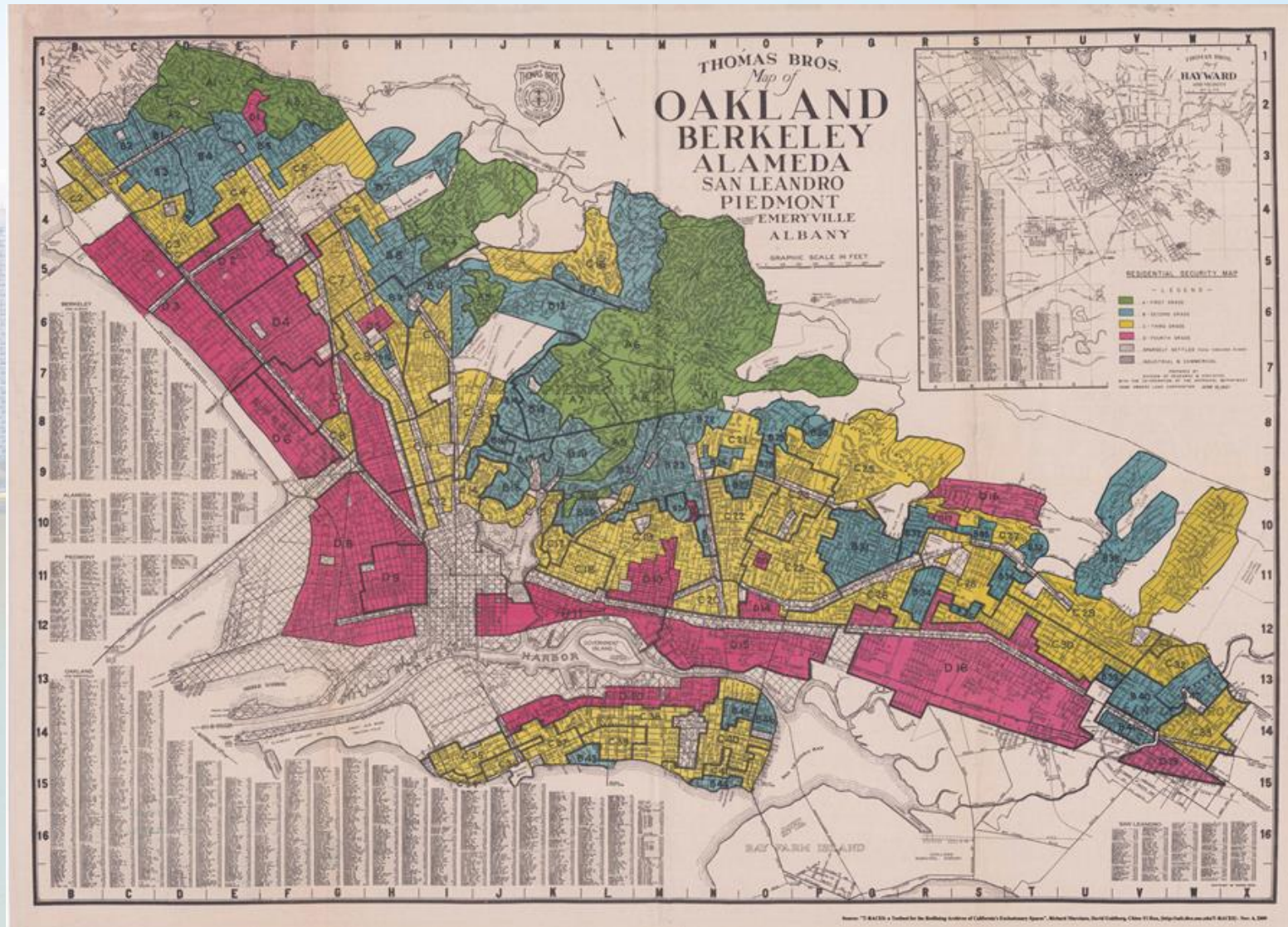
Vision
Oakland City government demonstrates climate leadership throughout its operations, and supports deep engagement on climate action within the community.

PORT OF OAKLAND



Vision
The City and Port are partners in identifying best practices in lowering GHG emissions from Port operations, and implementing policies to dramatically improve both resilience and health outcomes resulting from Port activities and buildings on Port land.

The Legacy of Redlining and Environmental Injustice

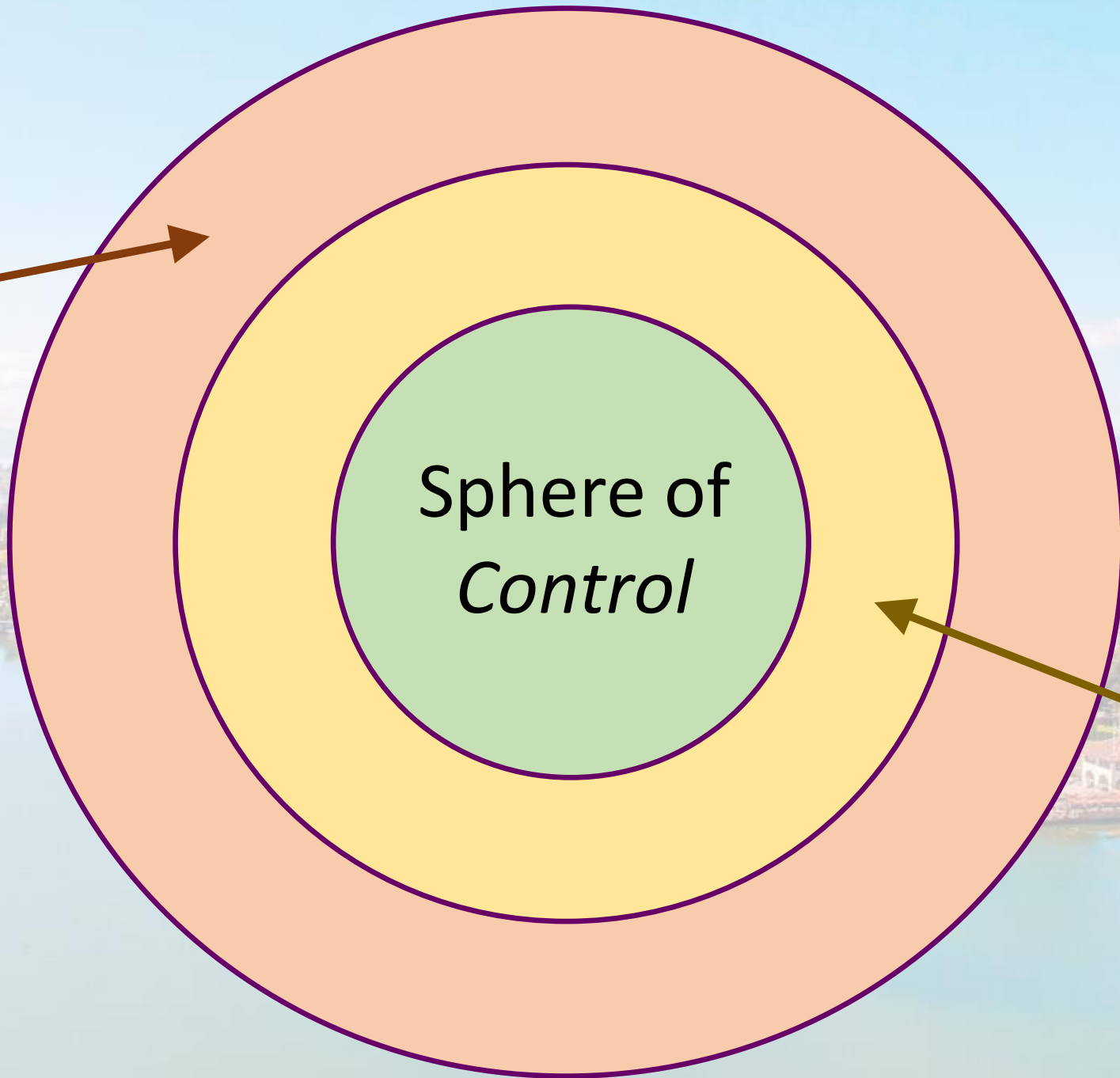


ECAP Pillars:

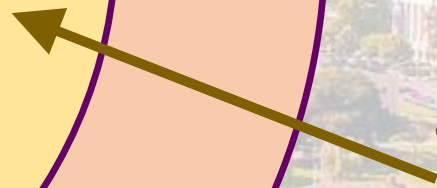
- ✓ Equitable
- ✓ Ambitious
- ✓ Realistic
- ✓ Balanced
- ✓ Adaptive



Sphere of
Interest



Sphere of
Control



Sphere of
Influence

Equity in Climate Action

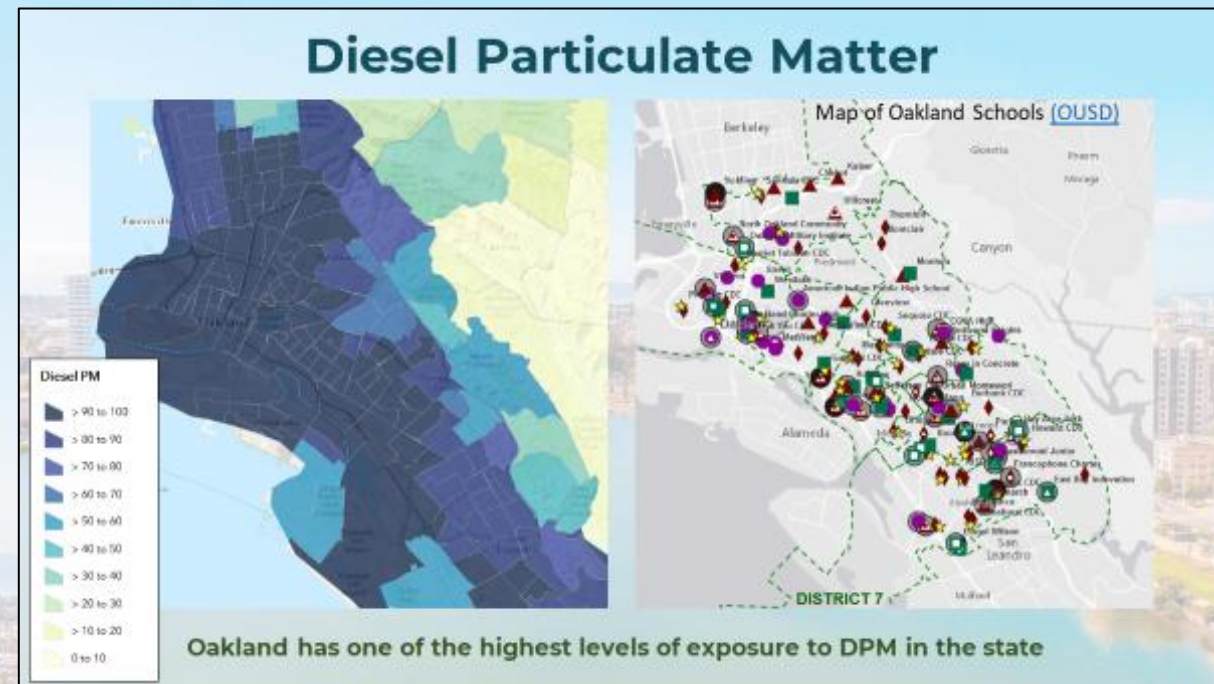
Looks like...

- Environmental Justice
- Civic Engagement
- Housing Security
- Public Health
- Green Jobs
- Resilience
- ...& more



In Practice:

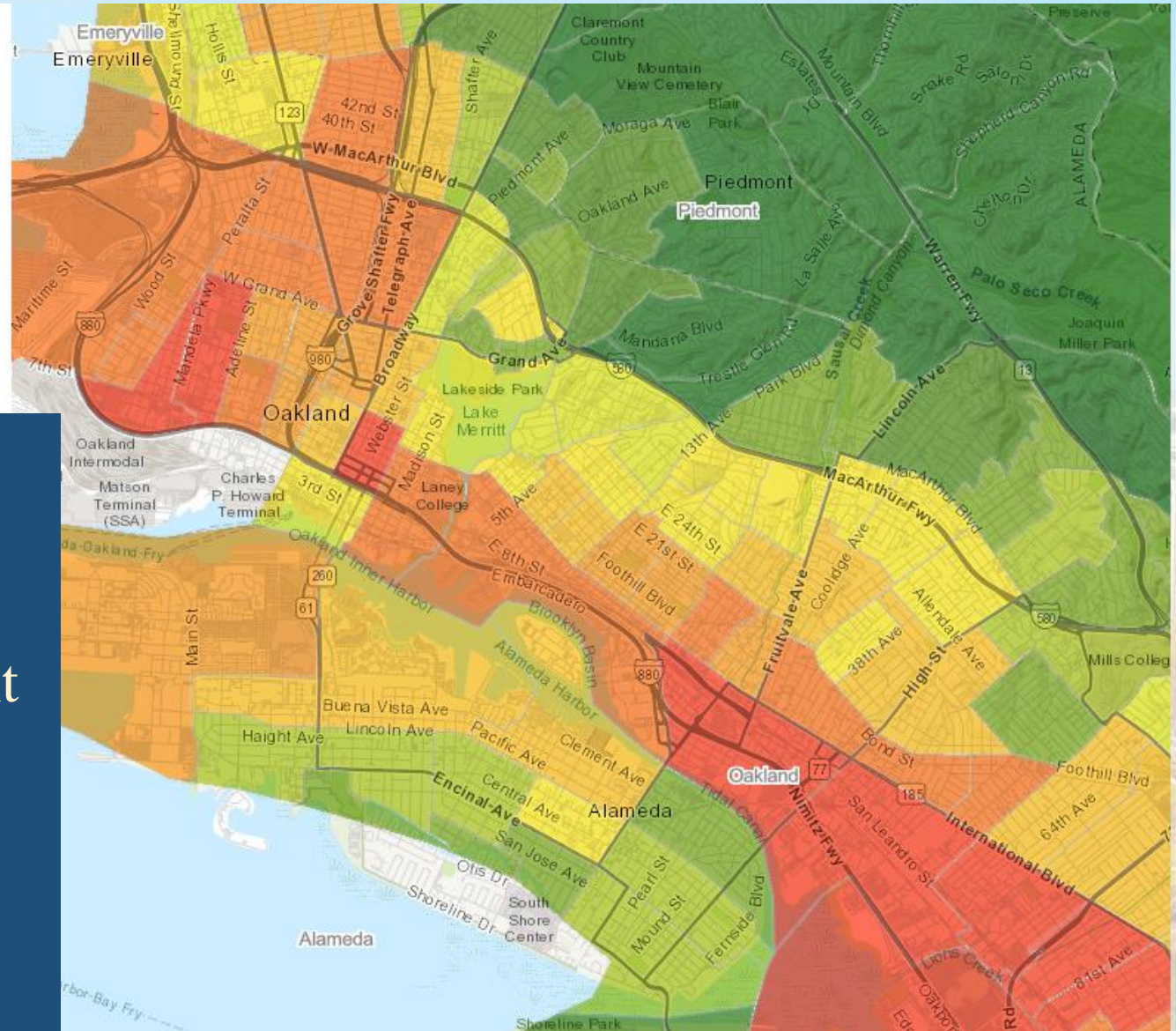
- Data-Driven Analysis
- Deep Community Engagement
- Iterative drafting with **Equity Facilitator** and Community Advisory Committee
- Partnership with Department of Race and Equity (DRE)
- Preliminary Equity Screen + REIA



CalEnviroScreen 4.0 (CA Office of Environmental Health Hazard Assessment)

Legend

CalEnviroScreen 4.0 Results

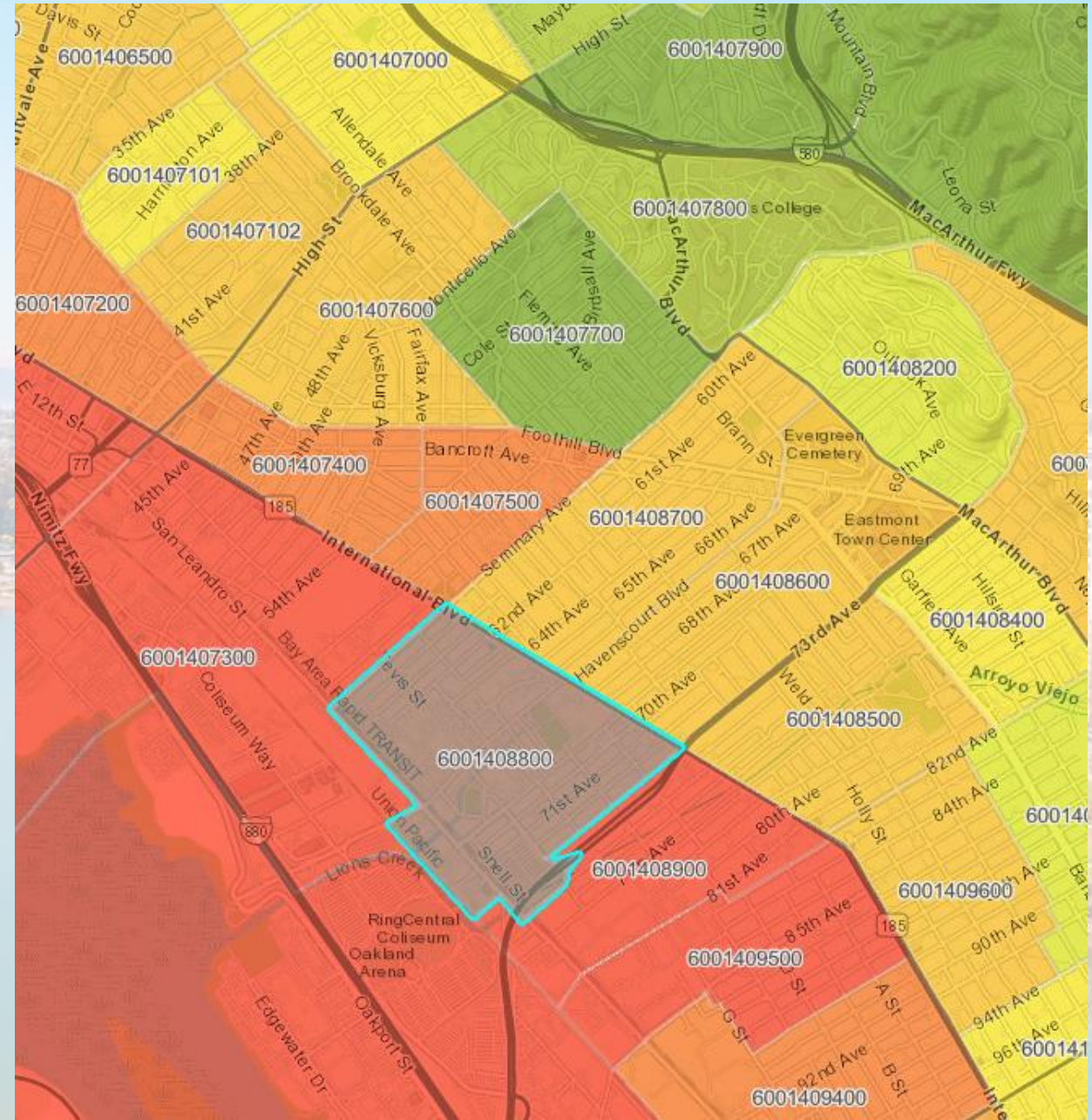


“DRE found in 2018 that African American children in Oakland were 10 times more likely than White children to be admitted to the emergency department for asthma-related conditions. ACPHD data show that average life expectancy can vary by as much as 15 years across one mile, from Oakland’s flatlands to Oakland’s hills, depending on race.”)

East Oakland: A Profile in (some) numbers

Data for CT 6001408800:

- CES 4.0 Percentile: 96
- Pollution Burden Percentile: 83
- Population Characteristics: 98
- Diesel Particulate Matter: 78
- Lead from Housing: 99
- Cleanup sites: 90
- Groundwater threats: 96
- Asthma: 100
- Low Birth Weight: 99
- Cardiovascular Disease: 90
- Education: 92
- Linguistic Isolation: 44
- Unemployment: 80



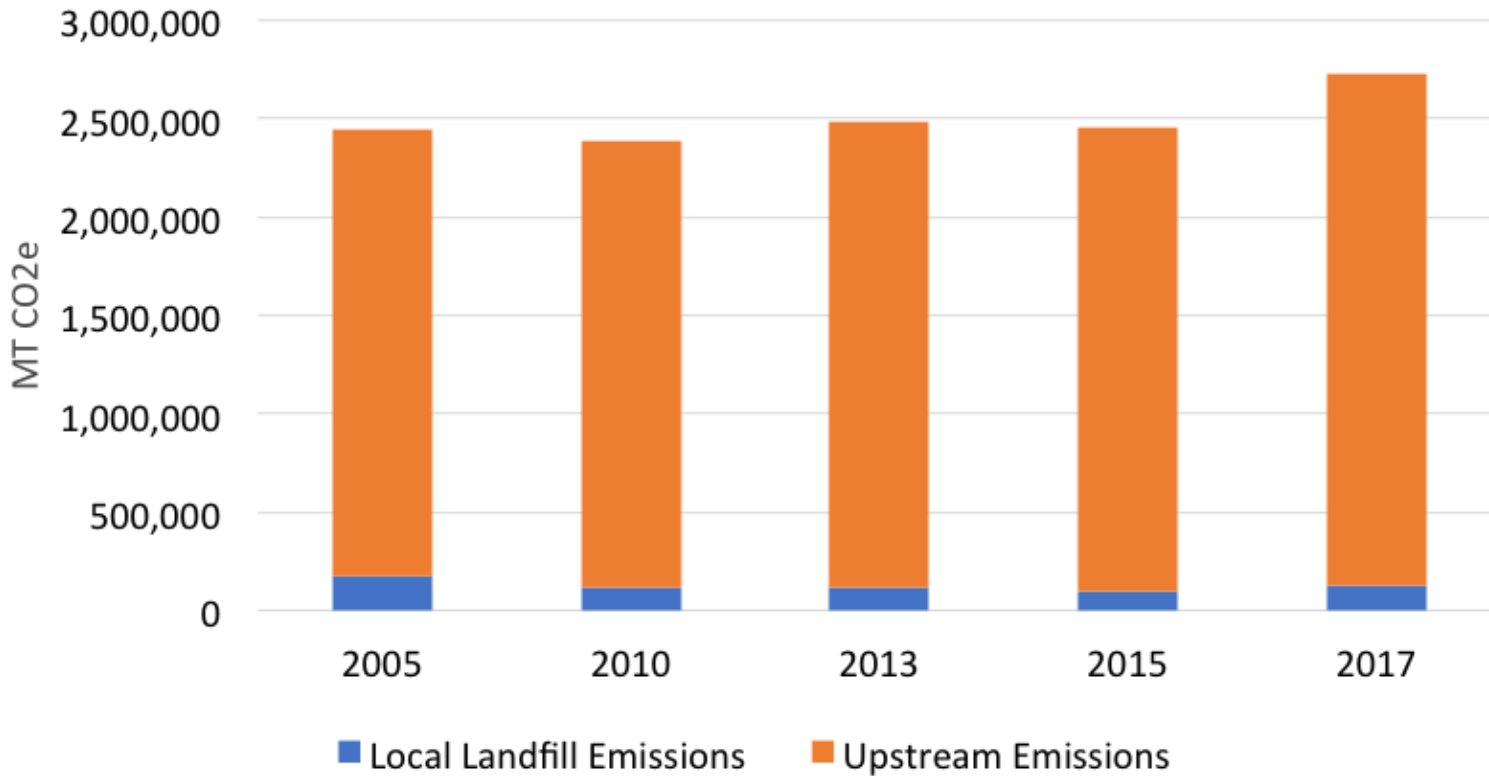
4,500 Oaklanders...

- 8 Community Workshops
- Climate Equity Work Days
- Community Advisory Committee
- Stakeholder meetings
- Online portal
- Social media
- Interactive draft
- 2 Town Halls



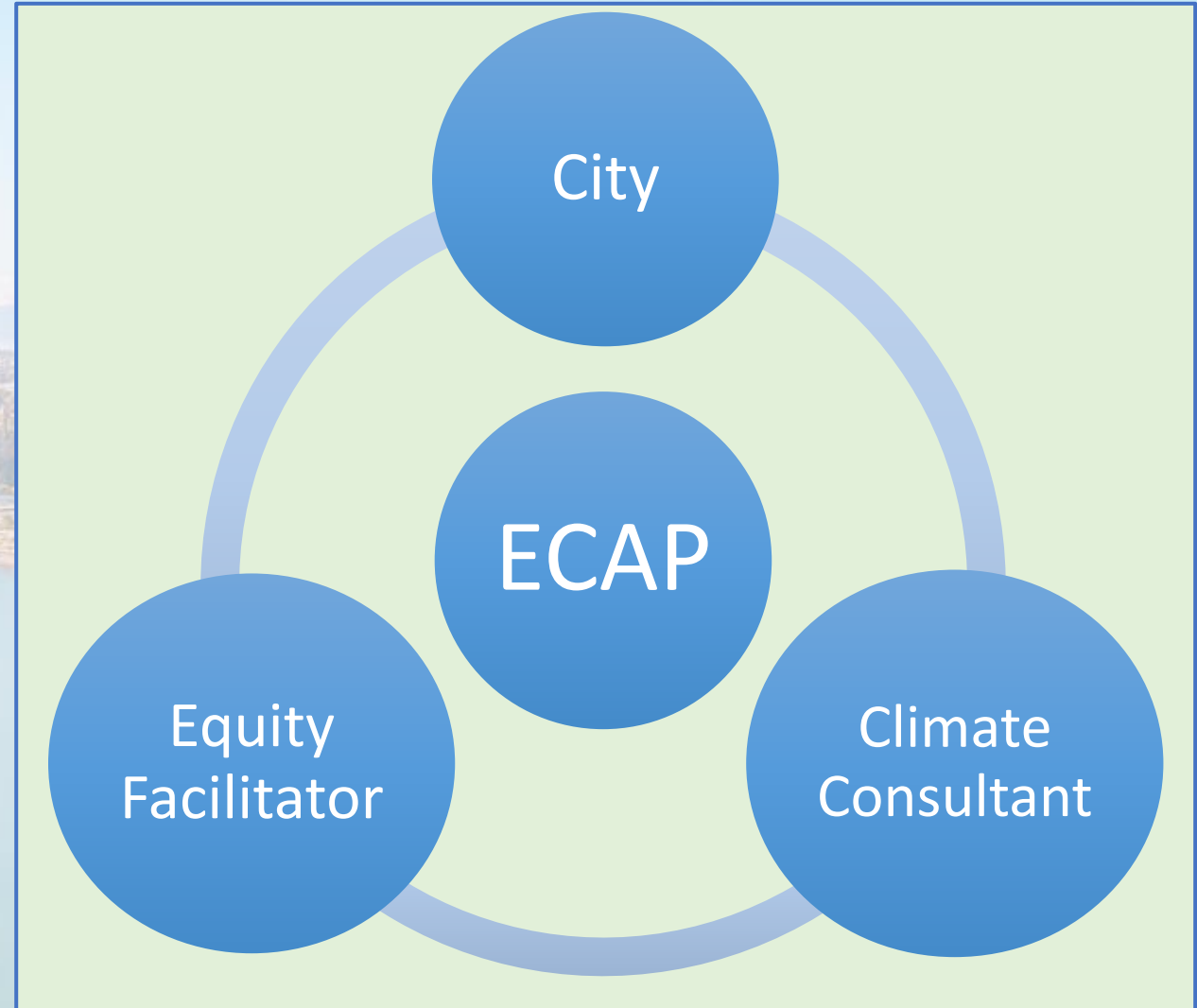
“Our purchasing habits have a greater impact on global emissions than the decisions we make when we throw things away.”

Local Landfill & Upstream Emissions from Waste



The Equity Facilitator Model

- Informed by USDN, DRE, & local groups
- EF Tasks:
 - Plan, lead, & synthesize engagement
 - Connect w/ grassroots orgs
 - Preliminary Equity Screen
 - Recommend equity KPI's*
 - Racial Equity Impact Assessment & Implementation Guide (REIA)*



Critiquing The Equity Facilitator Model

- **Challenges:**

- Insufficient Funds
- Translating Government speak (“feasibility, ROI...”) to Community justice speak (“it’s just the right thing to do”)
- Conveying KPI constraints to EF leads – e.g.

- **Good Tactics & Successes:**

- Say “no” clearly & compassionately
- Get champions in other departments (esp. EWD)
- EF leads are from the community; events are on their turf
- Internal staff trainings

1. *Support circular economies*
2. *Compost all organic waste*
3. *Redistribute edible food*

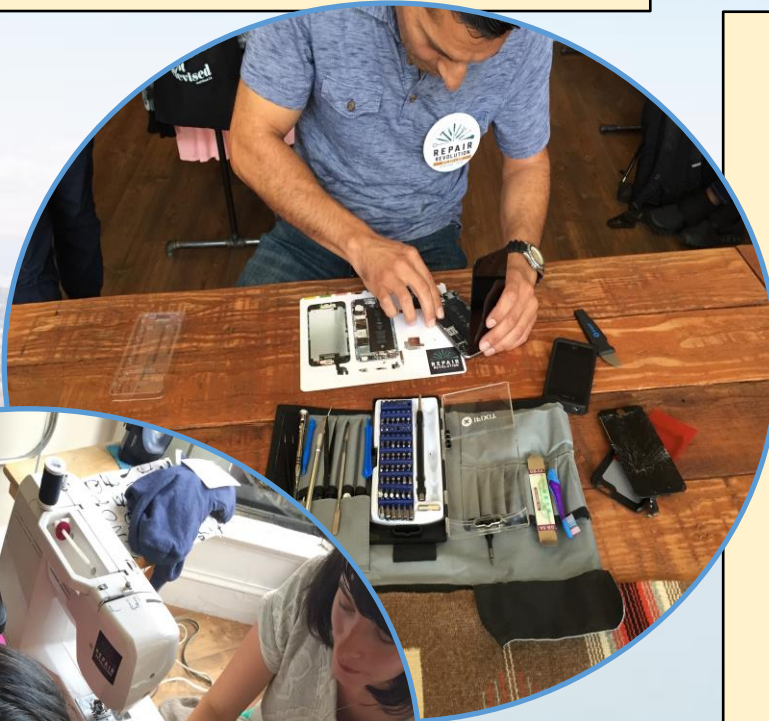
Circular Economy

Successes to date (2023)

- Food Recovery Hubs (210+ partners, **825,955 lbs** redistributed)
- Shop class coming back
- Renewable Diesel & hauler trucks

Major Ongoing work

- Mapping the repair economy
- Restaurant engagement for sorting & Reusables
- Compost Giveaways



Equity and Oregon's modernized recycling system

Nov. 19, 2024

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How Oregon approaches equity in recycling



Understanding the distribution of burdens and benefits



La Grande listening session, 3/9/2020

“When you think of our future recycling system, what would you most like it to do?” (Select top three)

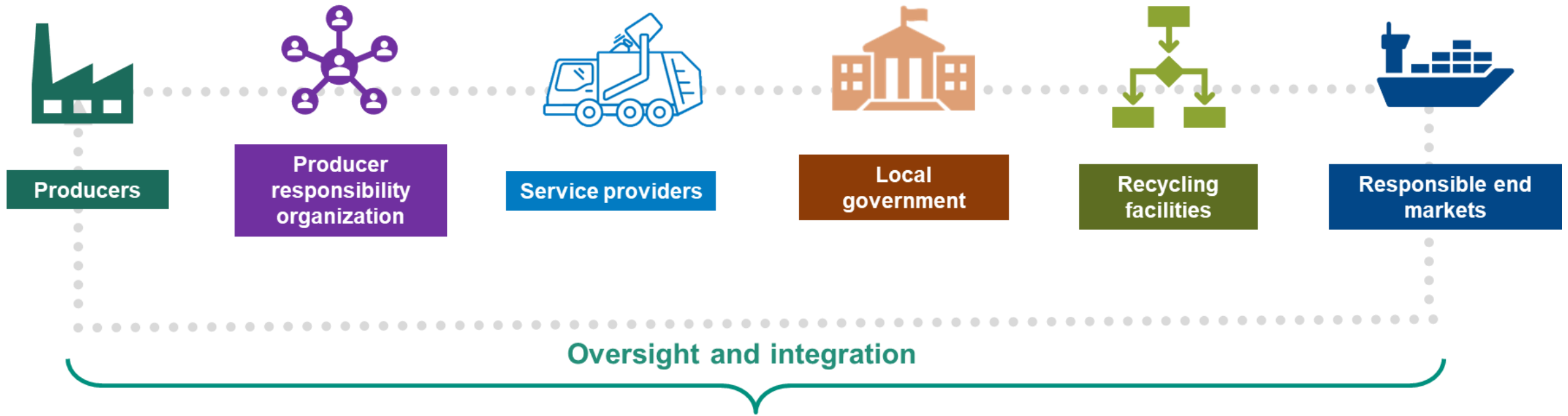
Recycled materials are put to their best environmental use

Everyone can recycle the same materials regardless of where they live

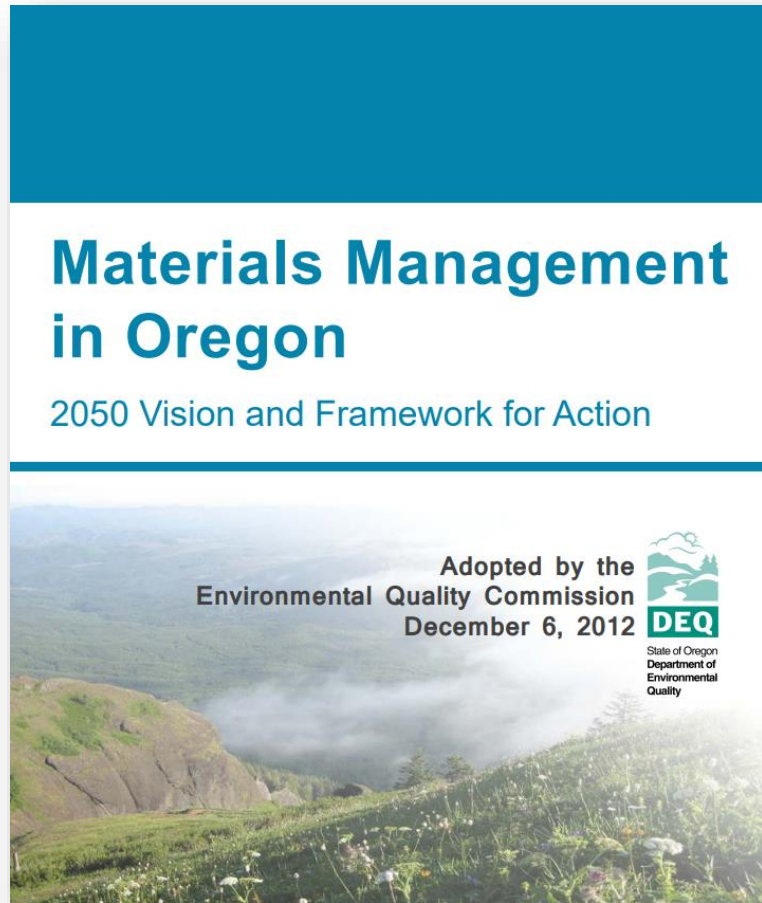
Businesses that make and sell products are responsible for making sure they are recycled or disposed of safely

Health and safety of workers is protected

Plastic Pollution and Recycling Modernization Act



Plastic Pollution and Recycling Modernization Act



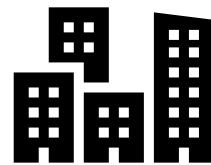
End markets



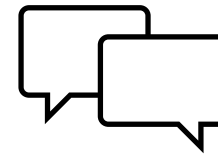
Workers



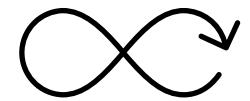
Geography



Residence type



Language access



Continuous improvement

Responsible End Markets

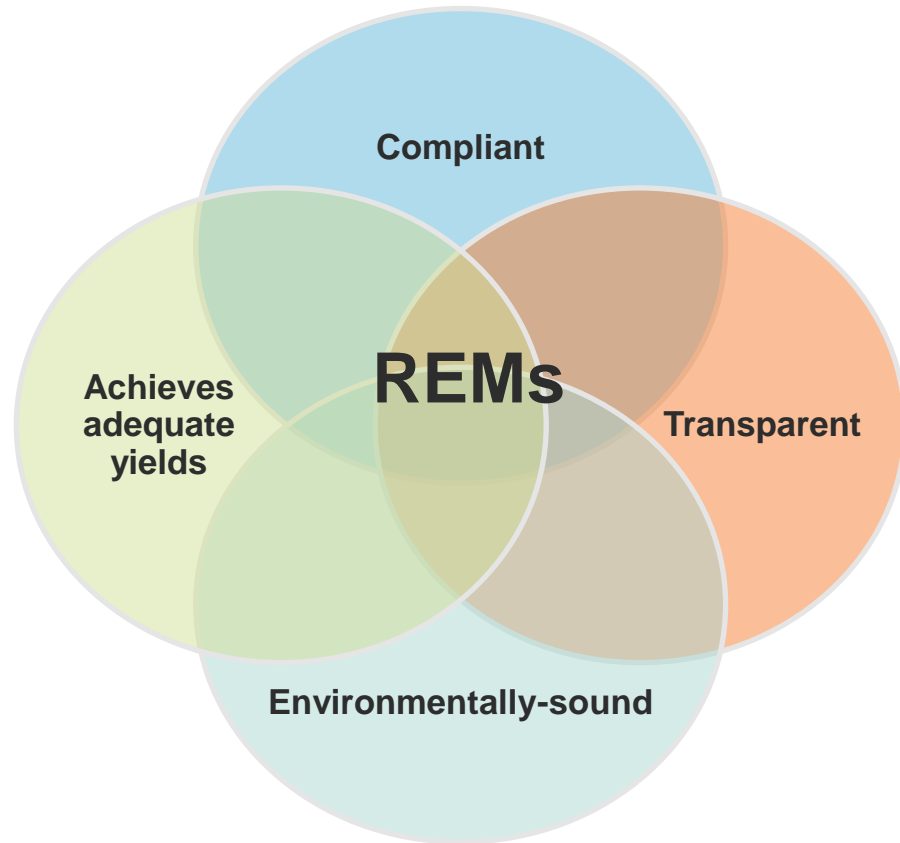


Photo: Megan Ponder

Supporting workers in the system

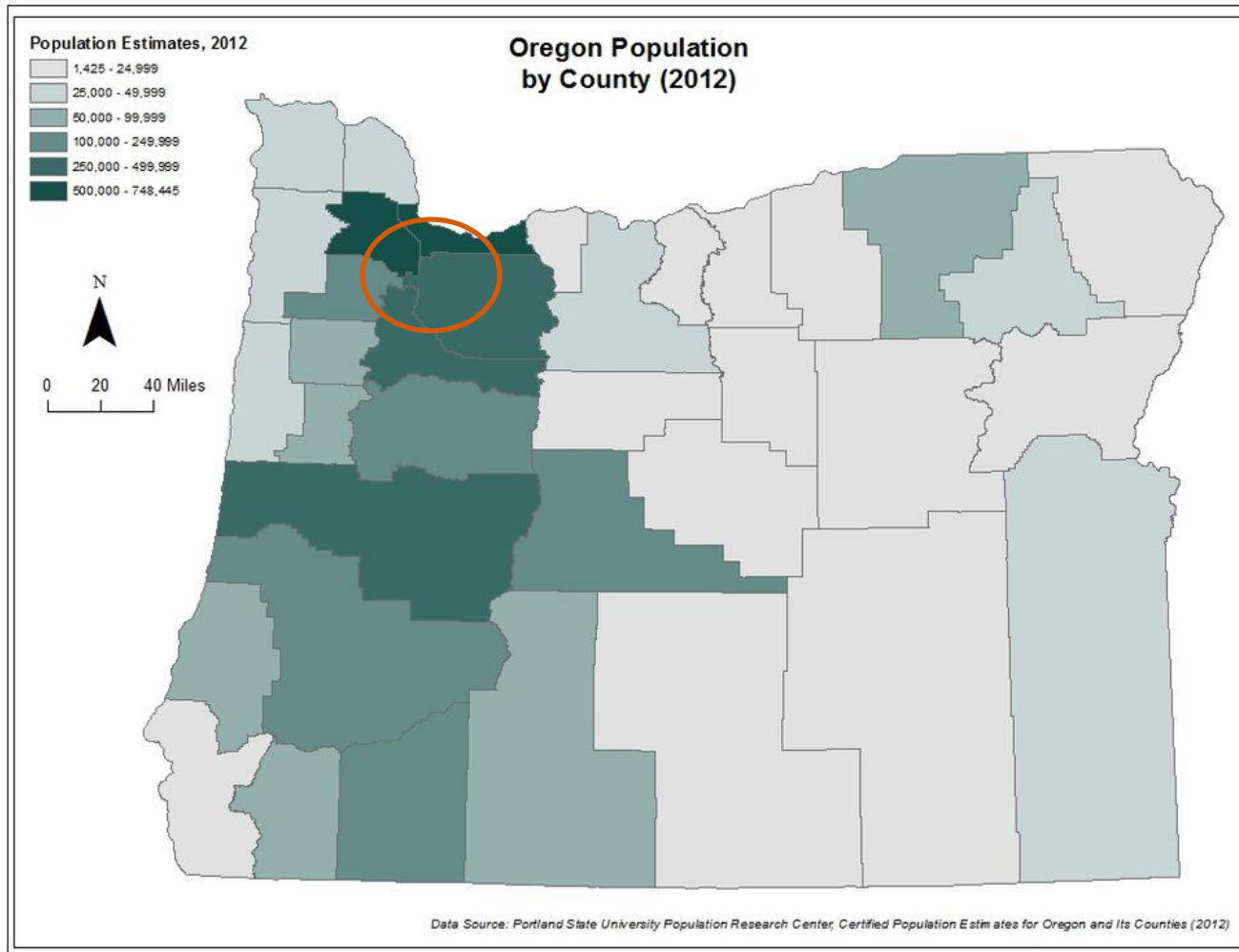


Living wage and supportive benefits for sort-line workers

Occupational and environmental health protections

Economic access and opportunities

Considering geography



About 4.23 million people statewide

60 percent live in Portland-Metro area (red circle, approximately)

Transportation cost reimbursements for local governments when moving recycling more than 50 miles

Considering residence type

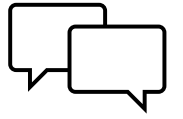


Improved access and conditions for non-single-family residences

Innovative options and expansion of depots and drop-off locations



Language access on a larger scale



Paper 종이



Paper and Cardboard
(flatten cardboard
& paperboard)
종이 및 판지
(판지 및 골판지)

Cartons 종이 박스



Cartons
(empty and clean)
종이 박스
(납작하게 펼친 것)

Metal 금속



Aluminum and Steel Cans
(empty and dry)
종이 박스
(납작하게 펼친 것)

Plastic 플라스틱



**Plastic Bottles,
Jars and Jugs**
(empty and dry)
플라스틱 용기 종류
(병, 항아리, 통 등, 비어 있고 깨끗한 것)

Glass 유리



Glass Bottles and Jars
(empty and dry)
유리병 및 유리 항아리
(비어 있고 깨끗한 것)

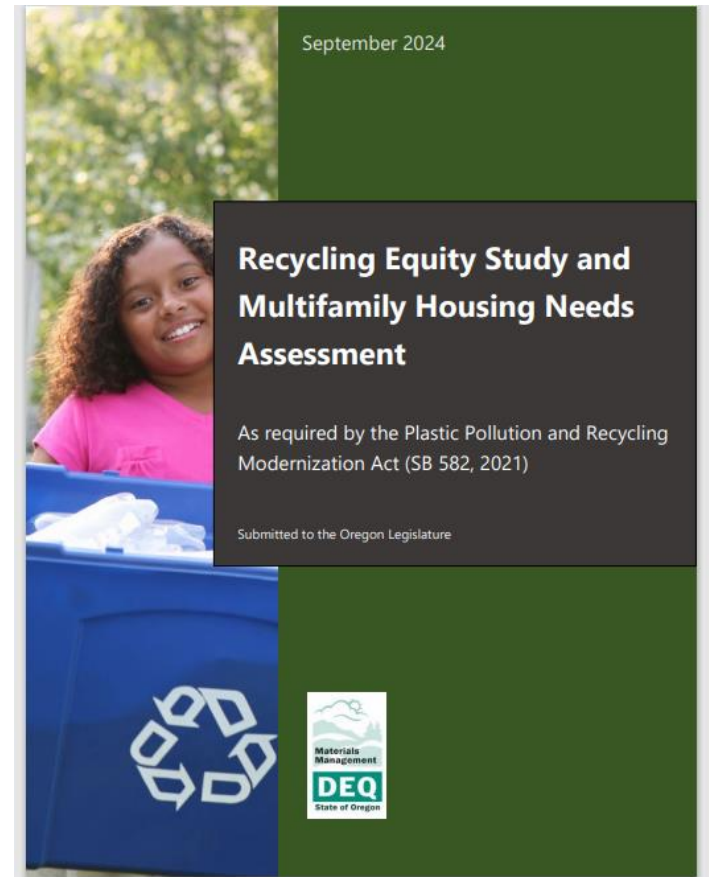
Image: The Recycling Partnership

Continuous improvement model



ORS 459A.932(1)

- (a) An evaluation of commingled recycling processing facility worker conditions, wages and benefits;
- (b) The availability of opportunities in the recycling system for women and minority individuals as defined in ORS 200.005;
- (c) The sufficiency of local government requirements related to multifamily recycling services and their implementation;
- (d) The sufficiency of recycling education programs relative to desired equity outcomes;
- (e) The availability of opportunities in the recycling system for Oregon and other Pacific Northwest businesses; and
- (f) Recommendations for improving equity and equitable outcomes for underserved populations in Oregon's recycling system, including recommendations for new responsibilities of producer responsibility organizations and recommendations for funding such responsibilities.



Thank you!

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David Allaway: David.Allaway@deq.oregon.gov

RMA website: <https://www.oregon.gov/deq/recycling/Pages/Modernizing-Oregons-Recycling-System.aspx>

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Questions & Answers



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DEI Facilitated Conversation



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