

# Understanding Oakland's 2030 EQUITABLE CLIMATE ACTION PLAN (ECAP)



*City of Oakland Sustainability Program  
Oakland Public Works*

# Oakland City Council has set ambitious greenhouse gas (GHG) Emission Reduction Targets\*:

**36**

%

**by 2020**

**56**

%

**by 2030**

**83**

%

**by 2050**

- All targets are relative to 2005 emission levels.
- Progress is measured using the City's biannual GHG Emissions Inventory

# Social, Racial, & Economic Equity

## Oakland 2030 ECAP

How do we **STOP** Climate Change?

Local Emissions

Life Cycle Emissions

Carbon Removal

How do we **ADAPT** to Climate Change?

Heat

Drought

Fires

Flooding

***The 2030 ECAP is the City's 10-year plan to reach Council's adopted target of reducing emissions by 56% and adapting to a changing climate, all in ways that will increase equity and reduce racial disparities.***



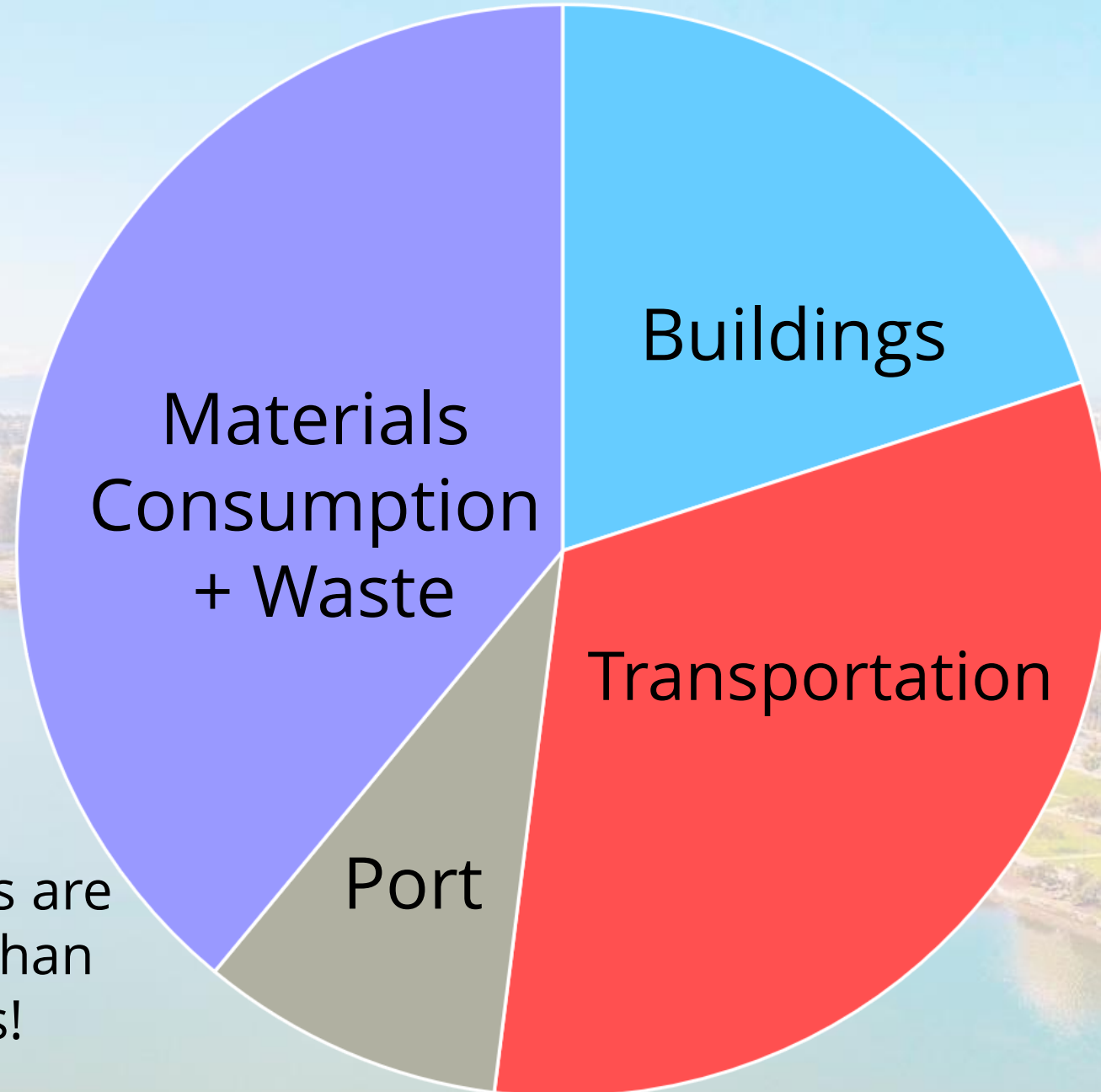
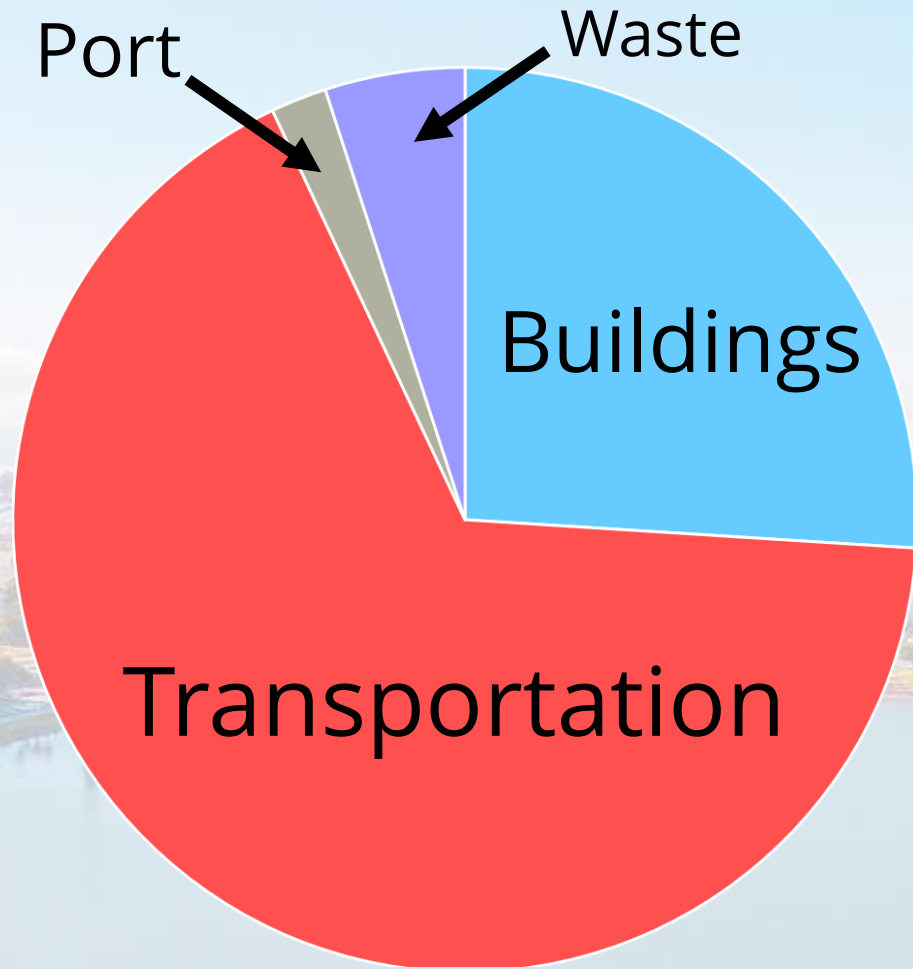
The City of Oakland tracks two types of GHG emissions: ***Local Emissions*** and ***Lifecycle Emissions***.

***Local Emissions*** are all emissions that occur within the city – for example, the emissions that come out of your car’s exhaust pipe when you drive to the store. **These emissions are the easiest to measure and the easiest to impact through City policy.**

***Lifecycle Emissions*** include local emissions, as well as all emissions that occur throughout the world to support our activities in Oakland. This includes mining and extraction of materials, manufacturing, packaging, and shipping. **These emissions are harder to measure, and are impacted by many factors outside of the City’s control.**

## LOCAL EMISSIONS

## LIFECYCLE EMISSIONS



Lifecycle emissions are  
**3 times greater** than  
local emissions!

*Five principles have guided development of the ECAP, ensuring that every Action included in the Plan is:*

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



# Equity in Climate Action

Many ECAP themes are critical to increasing equity in our city:

- Environmental Justice
- Civic Engagement
- Housing Security
- Public Health
- Green Jobs
- Resilience
- Food



# Ambitious: Prioritizing Deep Decarbonization

Preliminary analysis identified Five strategies\* needed to reach our climate targets:

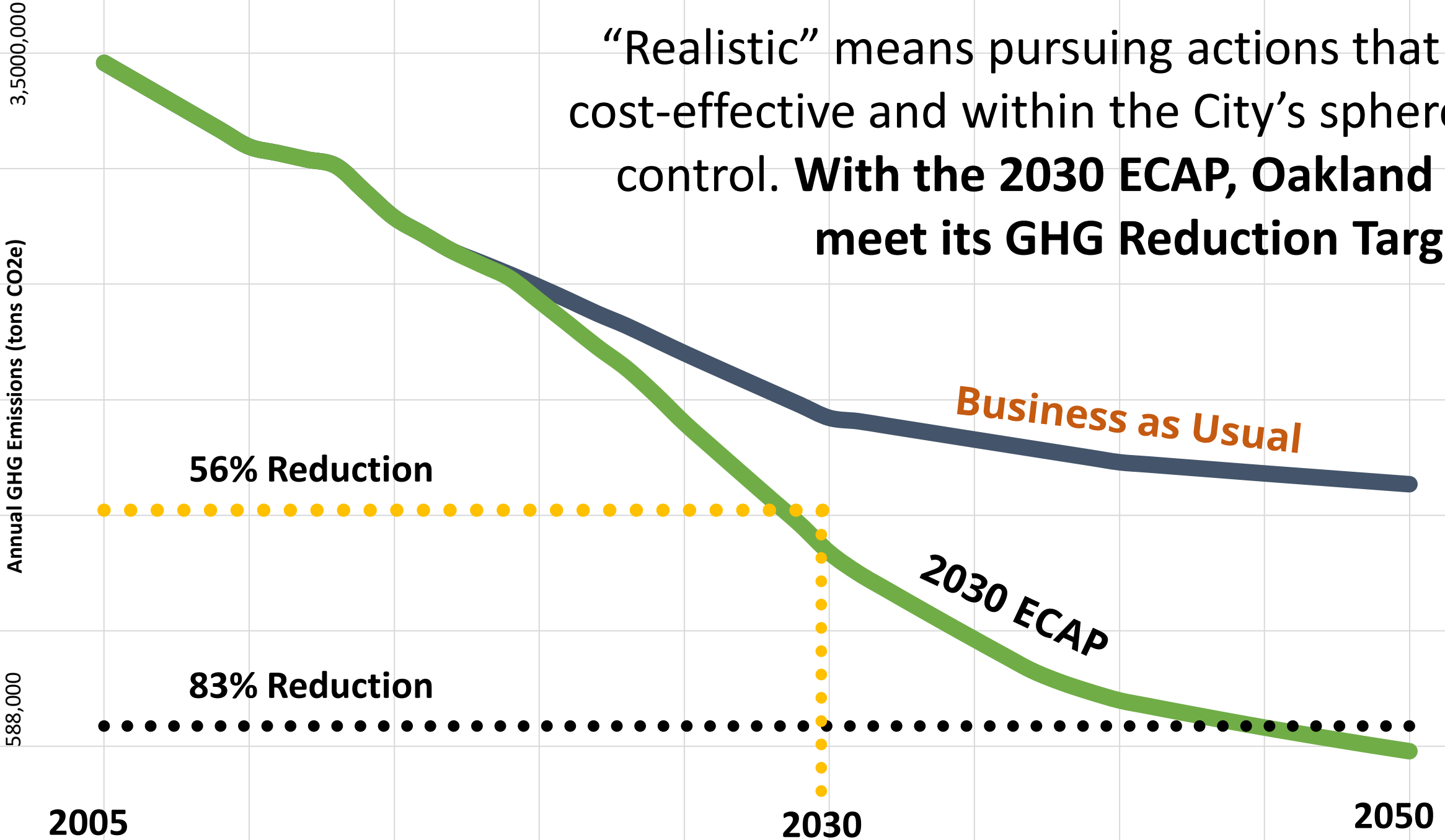
- Decarbonize the electric grid
- Eliminate fossil fuels from building heating
- Improve insulation & windows in buildings
- Move away from private auto trips
- Electrify all remaining vehicles



\*Many more strategies are included in the ECAP. *How to achieve them – crafting the specific Actions in the ECAP – was the subject of more than a year of analysis and community engagement.*



“Realistic” means pursuing actions that are cost-effective and within the City’s sphere of control. **With the 2030 ECAP, Oakland can meet its GHG Reduction Targets.**



# A Brief Look at the ECAP's Seven Sections

- 1. Transportation & Land Use:** Reduce vehicle miles traveled through active mobility, public transit, vehicle electrification
- 2. Buildings and Energy:** Eliminate fossil fuels
- 3. Material Consumption & Waste:** Support circular economy, minimize single-use plastics, eliminate organics in landfill, reduce food insecurity

*Continued...*

## ECAP Sections Continued

- 4. Adaptation:** Increase community & facility resilience, increase green infrastructure, understand vulnerabilities
- 5. Carbon Removal:** Increase urban forestry and carbon farming, explore other opportunities
- 6. Port Leadership:** Reduce direct & indirect emissions
- 7. City Leadership:** Reduce fossil fuel dependence, Innovate through leadership

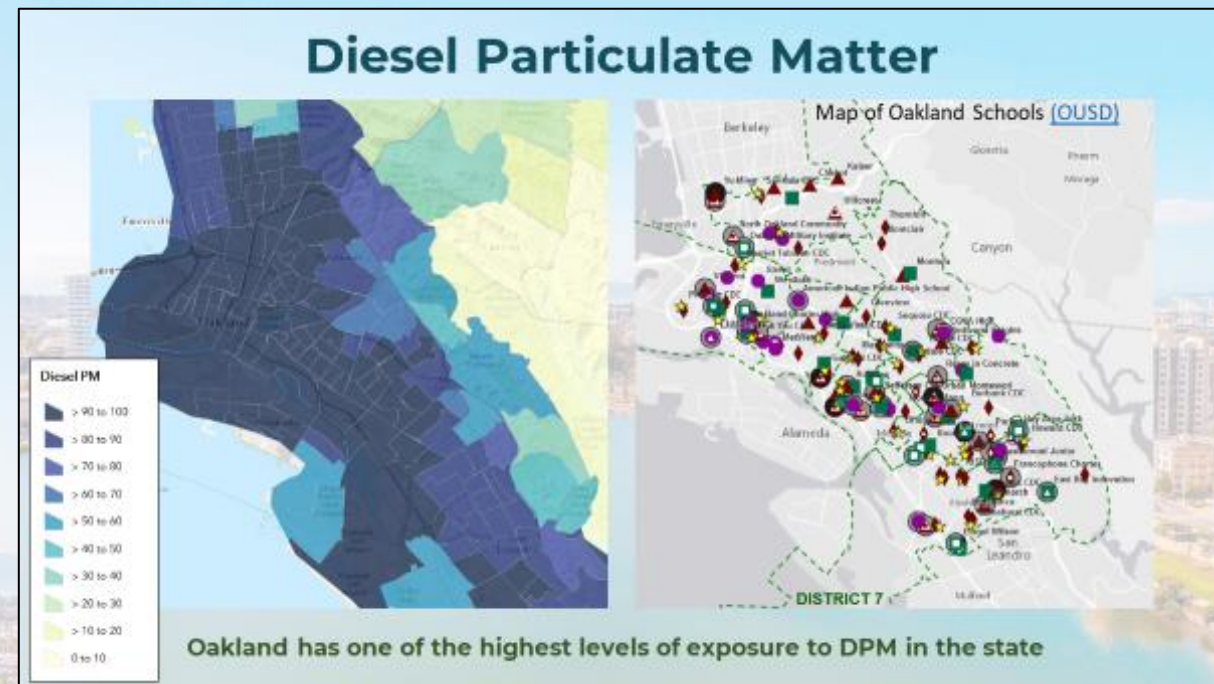
# An Equitable Process: Developing the ECAP

- 8 Community Workshops
- Climate Equity Work Days
- Stakeholder meetings
- Pop-Up Engagement
- Online Survey
- Online portal
- Social media
- 2 Town Halls
- Online draft



# Embedding Equity in the Plan from Day 1:

- Iterative drafting with Equity Facilitator and Community Advisory Committee
- Oversight from City Department of Race and Equity
- Racial Equity Impact Assessment
- Data-Driven Analysis



It doesn't happen without Community Leadership, like...



GRID Alternatives

ENVIRONMENTAL EQUITY

MARCH 2018

# MOBILITY EQUITY FRAMEWORK

Greenlining Institute

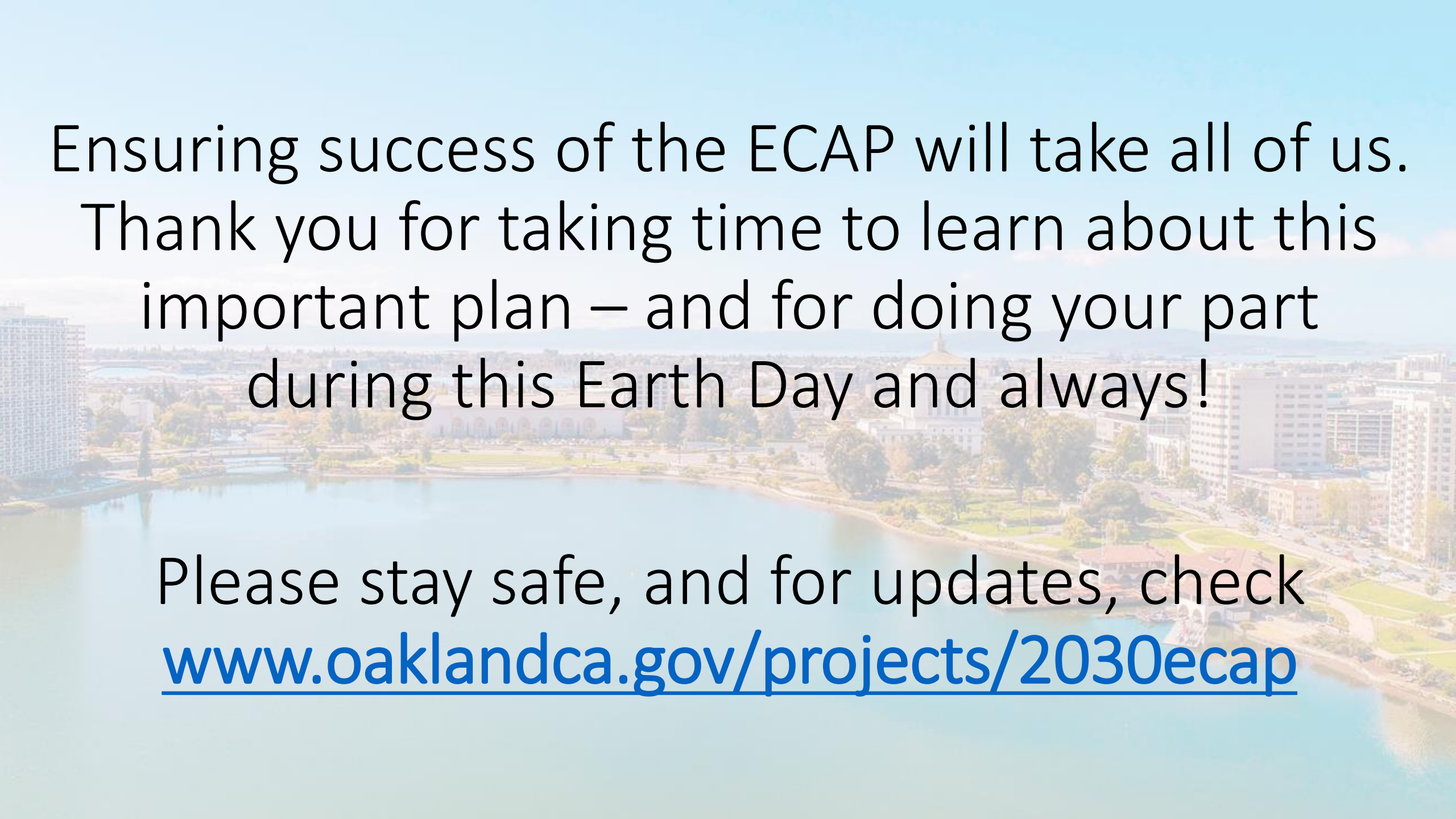
HOW TO MAKE TRANSPORTATION WORK FOR PEOPLE



Original Scraper Bike Team



Food Shift



Ensuring success of the ECAP will take all of us.  
Thank you for taking time to learn about this  
important plan – and for doing your part  
during this Earth Day and always!

Please stay safe, and for updates, check  
[www.oaklandca.gov/projects/2030ecap](http://www.oaklandca.gov/projects/2030ecap)