

Electrification + Decarbonization Workforce Transition

Stakeholder Engagement Series: Part 1

MARCH 23, 2021



Goals + Outcomes

INFORM

- Oakland's decarbonization goals
- Equity & workforce impacts
- Partnerships & resources

CONSULT + DISCUSS

- Share viewpoints, experiences & concerns
- Identify needs & solution pathways

BUILD RELATIONSHIPS

- Build partnerships across sectors & resources
- Identify who else should be at the table

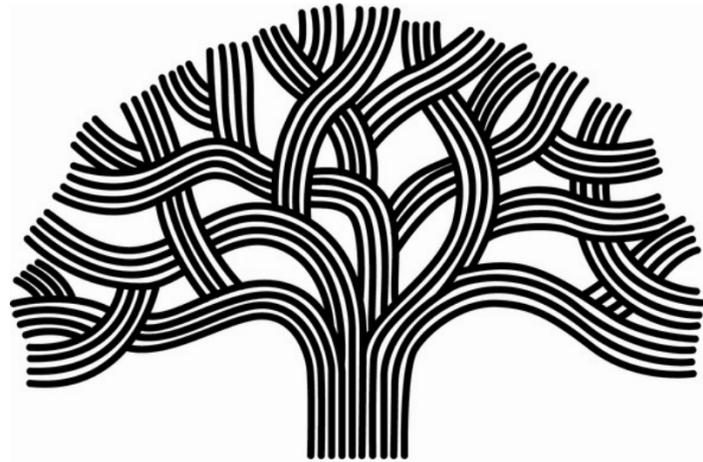




Agenda

- 01 INTRODUCTIONS + CONTEXT**
Oakland's decarbonization efforts & alignment with workforce development
- 02 DISCUSSION**
25-minute breakout rooms + full group convening to identify priority focus areas & additional stakeholders
- 03 CONCLUSION + NEXT STEPS**
Based on discussion, determine next steps for stakeholder engagement series

Introductions



CITY OF OAKLAND

Sustainability Program

Economic + Workforce
Development Department

Department of Transportation



RISING SUN

CENTER FOR OPPORTUNITY



Part 1: Context

Oakland's Decarbonization Goals

36%

by 2020

56%

by 2030

83%

by 2050

OAKLAND'S GREENHOUSE GAS EMISSIONS REDUCTION TARGETS

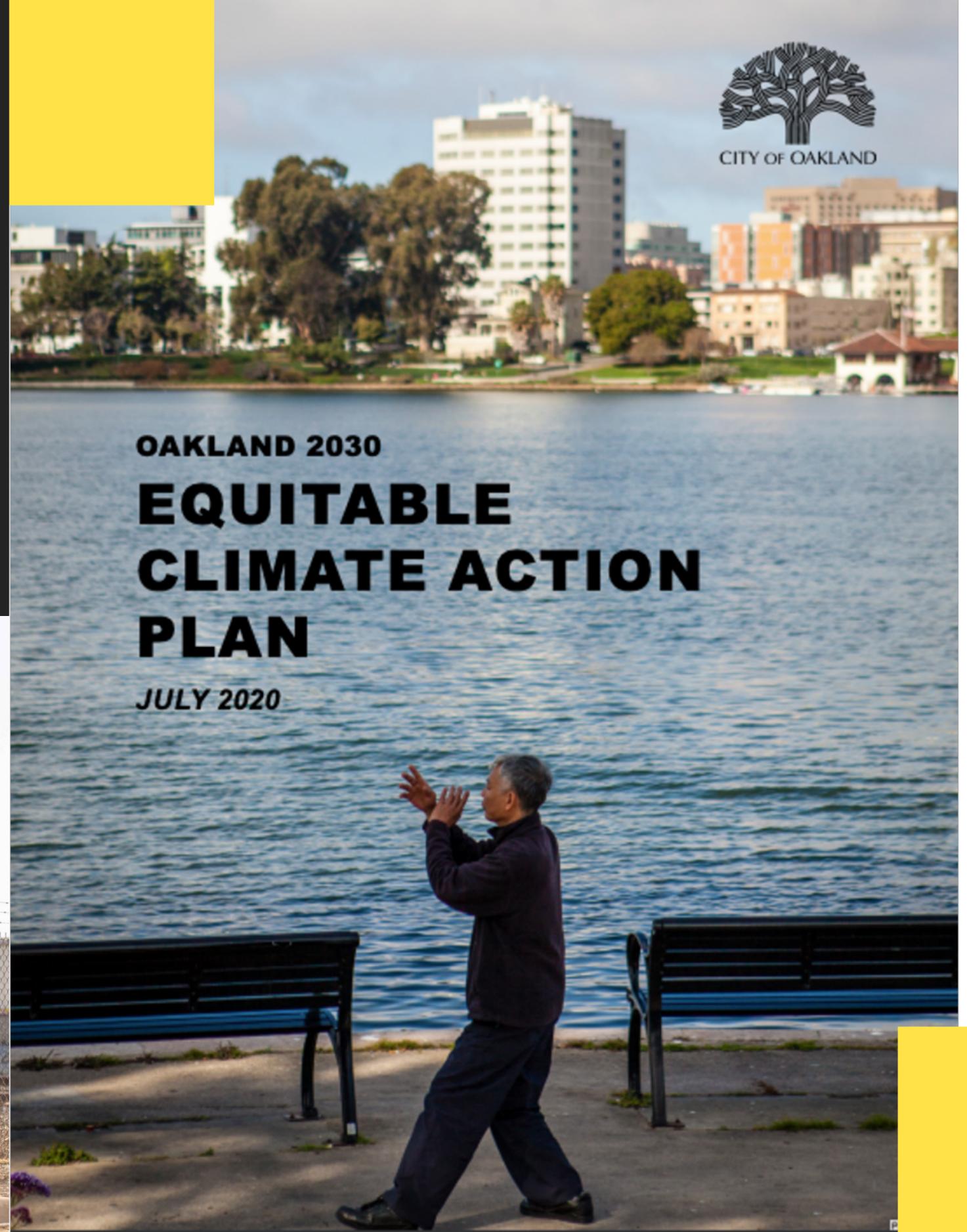
COMPARED TO 2005 CITY GHG EMISSIONS INVENTORY

THE REAL BENEFITS OF CLIMATE ACTION:

- ✓ Health
- ✓ Safety
- ✓ Equity
- ✓ Environment



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



Equity in Electrification

ECONOMIC SECURITY

HOUSING SECURITY

PUBLIC HEALTH

GREEN JOBS



Initiating the Transition



New Construction Building Electrification Ordinance

PASSED DEC, 2020

Reach code ensuring that all new buildings are all electric, phasing out natural gas infrastructure from new building stock (Action B-1)



All Existing Buildings Electrification

ROADMAP BY 2022, ALL BUILDINGS ELECTRIFIED 2040

Plan to electrify all existing building stock, without additional cost burden or displacement risk to frontline communities (Action B-2)



Zero Emission Vehicle Action Plan (ZEVAP)

COMPLETED BY 2021

Develop ZEVAP to increase adoption of electric vehicles and e-mobility. Sets ambitious targets for ZEV infrastructure and coordinate with other land use and mobility options (Action TLU-5)



Economic + Workforce Development Department



CITY OF OAKLAND

Rising Sun Center for Opportunity

MISSION

Building career pathways for economic equity and climate resilience.

ABOUT

- Non-profit workforce development organization since 1994
- Serving the greater Bay Area
- Offices: Oakland, Stockton



A woman wearing a yellow hard hat with the "RISING SUN" logo and safety glasses is smiling while operating a miter saw in a workshop. She is wearing a bright yellow safety vest over a grey long-sleeved shirt. In the background, other workers in similar safety gear are visible, and a sign with a logo is on a door.

OPPORTUNITY BUILD: ADULT PROGRAM

MC3 Pre-Apprenticeship program

10-weeks of training

12+ months of job placement + support services

Prioritize women + system-impacted individuals

CLIMATE CAREERS: YOUTH PROGRAM

Green job opportunities for youth ages 15-24

Energy & Water Services

- Green House Calls
- Home Energy Coach Platform
- Energy Coaching

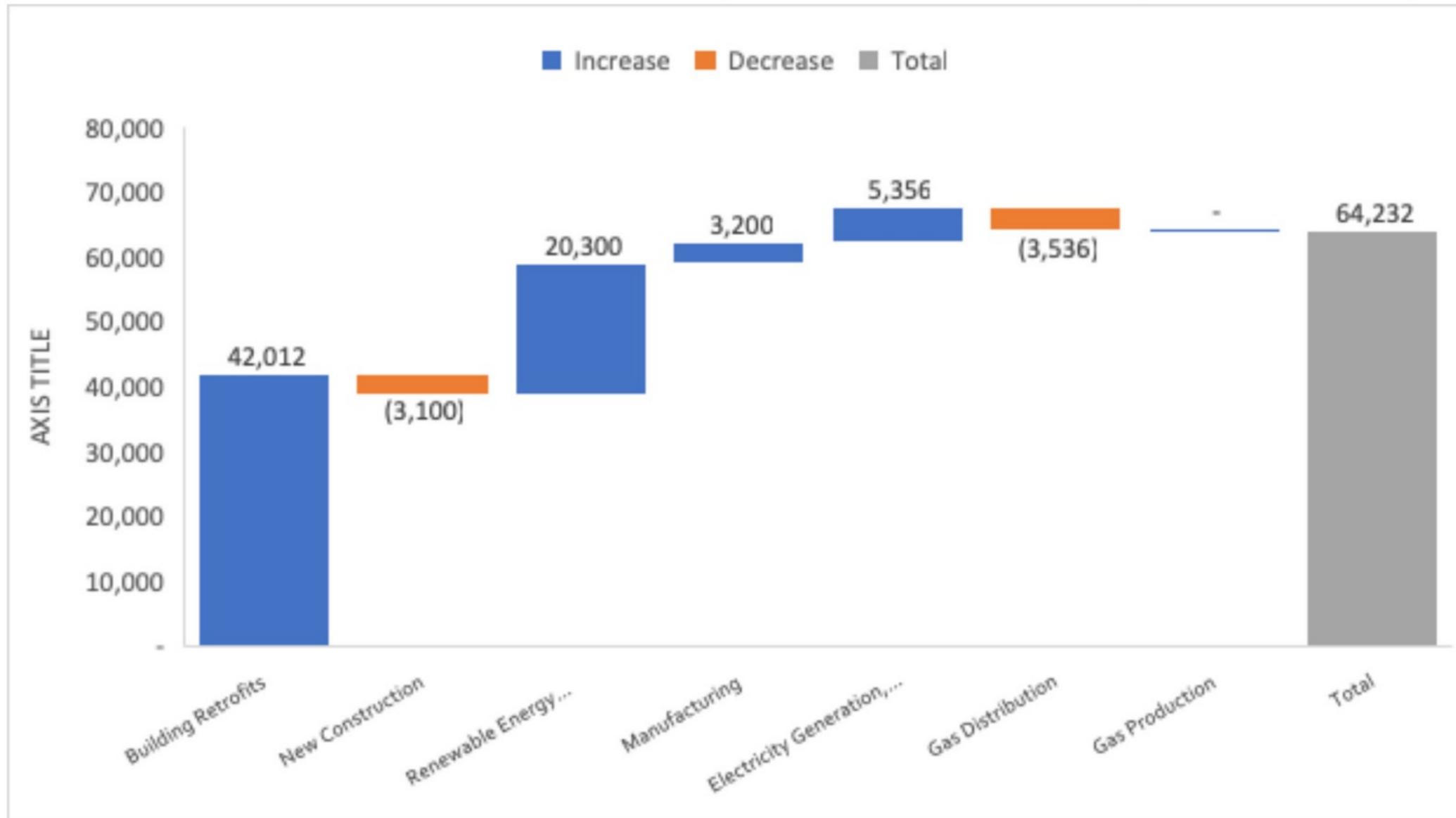
Youth Development:

- Job Experience
- Career Pathway Exploration
- Professional Skill-building



Investing in a Post-Carbon Economy

ES FIGURE 2. EMPLOYMENT IMPACTS BY INDUSTRY, LOW AND HIGH ESTIMATES (AVERAGE ANNUAL)



- 35 cities adopted building decarbonization codes + policies
- CPUC's BUILD and TECH programs
- Creation of **100k permanent jobs** (UCLA Luskin Center, 2019)

HIGH-ROAD JOBS =

- Family-sustaining wages
- Benefits
- Career advancement/pathways
- Worker voice
- Safety

Improve attraction + retention

Better work quality + persistence of energy benefits



"Climate investments like building decarbonization present an opportunity for job creation and economic equity – but only if we start with **job quality** and **justice**"

- Rising Sun Center for Opportunity



High-Road Training Partnership:

"BUILDING BACK BETTER WITH EQUITY, CLIMATE, AND JOBS"

- CWDB High-Road Training Partnerships (H RTP):
 - \$8.9M
 - June 1, 2021-March 31, 2023
 - 11 workforce development projects
- Project goals:
 - Labor standards
 - Identify labor market, workforce issues, + training needs
 - High-quality jobs
 - Access for disadvantaged workers



The Partnership:

The High Road to Residential Building
Decarbonization

Rising Sun: HRTP fiscal agent, convener, + project manager

20+ partners:

- Labor unions
- Contractors and employers
- Local governments, including City of Oakland
- Public agencies
- High-road technical advisors
- Electrification technical advisors
- Environmental justice and equity organizations
- Training and workforce development
- Worker representatives



Part 2: Discussion

BREAKOUT ROOMS - 25 MIN

Each group will have a facilitator+ notetaker

RETURN TO FULL GROUP

Facilitators will report back takeaways from their groups, leaving room for participants to develop ideas

DISCUSSION GROUND RULES

Practice respect, confidentiality, and constructive conversations





Part 2: Questions

QUESTION 1

What keeps you up at night regarding your sector in this transition?

QUESTION 2

How are you approaching this shift already? What partnerships and steps have you already initiated or seen?

QUESTION 3

What would you need to see results from this workshop series in order for you to consider it a success?

Part 3: Next Steps

MAIN TAKEAWAYS

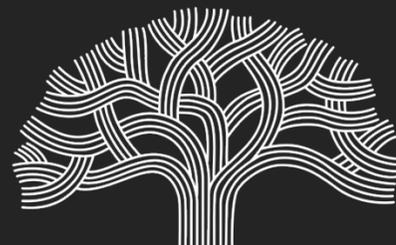
UPCOMING TRAININGS

3/24 (Tomorrow) BayREN Contractor Training

List of live and on-demand training resources

FEEDBACK FORM





CITY OF OAKLAND



Thank you!

Follow up notes + details for the next session will be sent within a week

For questions please contact:

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Photo: Greg Linhares, Cit