

Climate, Justice, & Jobs



valley vision

#CleanJustJobs



**Evan
Schmidt**
Valley Vision

Sponsors

City of
SACRAMENTO



**Cleaner Air
Partnership**

SACRAMENTO METROPOLITAN

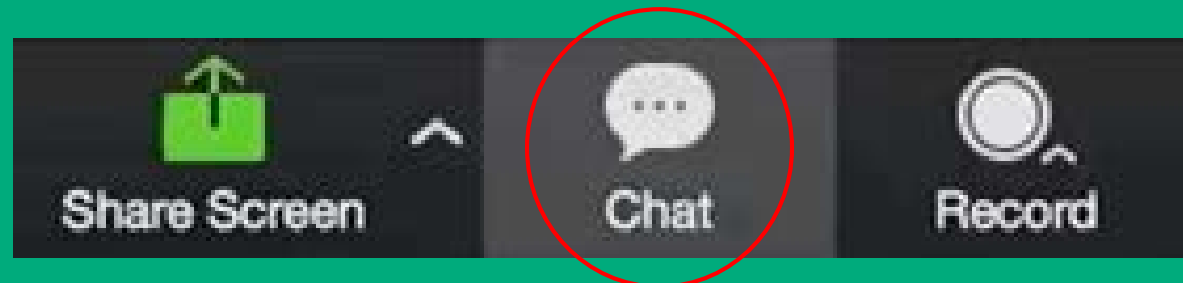
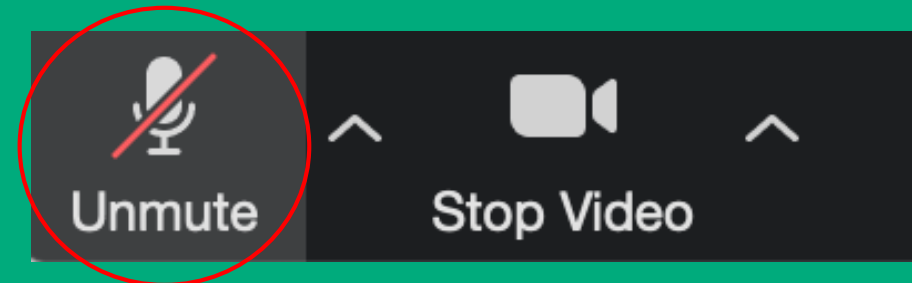


AIR QUALITY
MANAGEMENT DISTRICT



Zoom: Best Practices

- Please “Mute” yourself until discussion in Breakout Rooms
 - “Mute” button can be found at the bottom left of your screen
- Be mindful of your camera
- Participate in polls
- Use Zoom “reactions”
- Ask questions & join in on discussion in the chat!



What to expect at the Summit

How will our region create access to high quality jobs in the clean economy as we move to a low carbon economy?

- Changing workforce needs
- Climate change as a threat and an opportunity
- Creating access: diversity, equity, and inclusion

What to expect at the Summit

How will our region create access to high quality jobs in the clean economy as we move to a low carbon economy?

- Share community perspective
- Share baseline understandings
- Look at regional and statewide priorities
- Focus on key sectors: Climate Smart Ag, Built Environment, and Mobility



Councilmember Eric Guerra

**District 6, City of
Sacramento**



Councilmember Mai Vang

**District 8, City of
Sacramento**

Next Session:

Community Perspective



Angie Cha



Briseyda
Perez Guzman



Leonela
Zarazua



Carlos Gomez



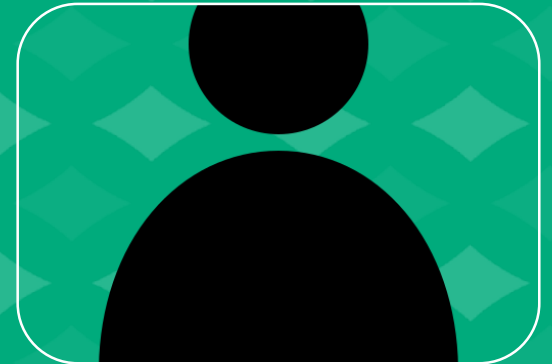
Ty Bradford



Abe Francis



Terry Jackson



Sonya
Montgomery

Next Session:

**Establishing a Baseline
Understanding: Climate,
Justice and Jobs**

Context setting: Environmental Justice



**Simeon
Gant**

**Green Technical
Education & Employment**

Context setting: Built Environment



**Jennifer
Venema**
City of Sacramento

City of Sacramento

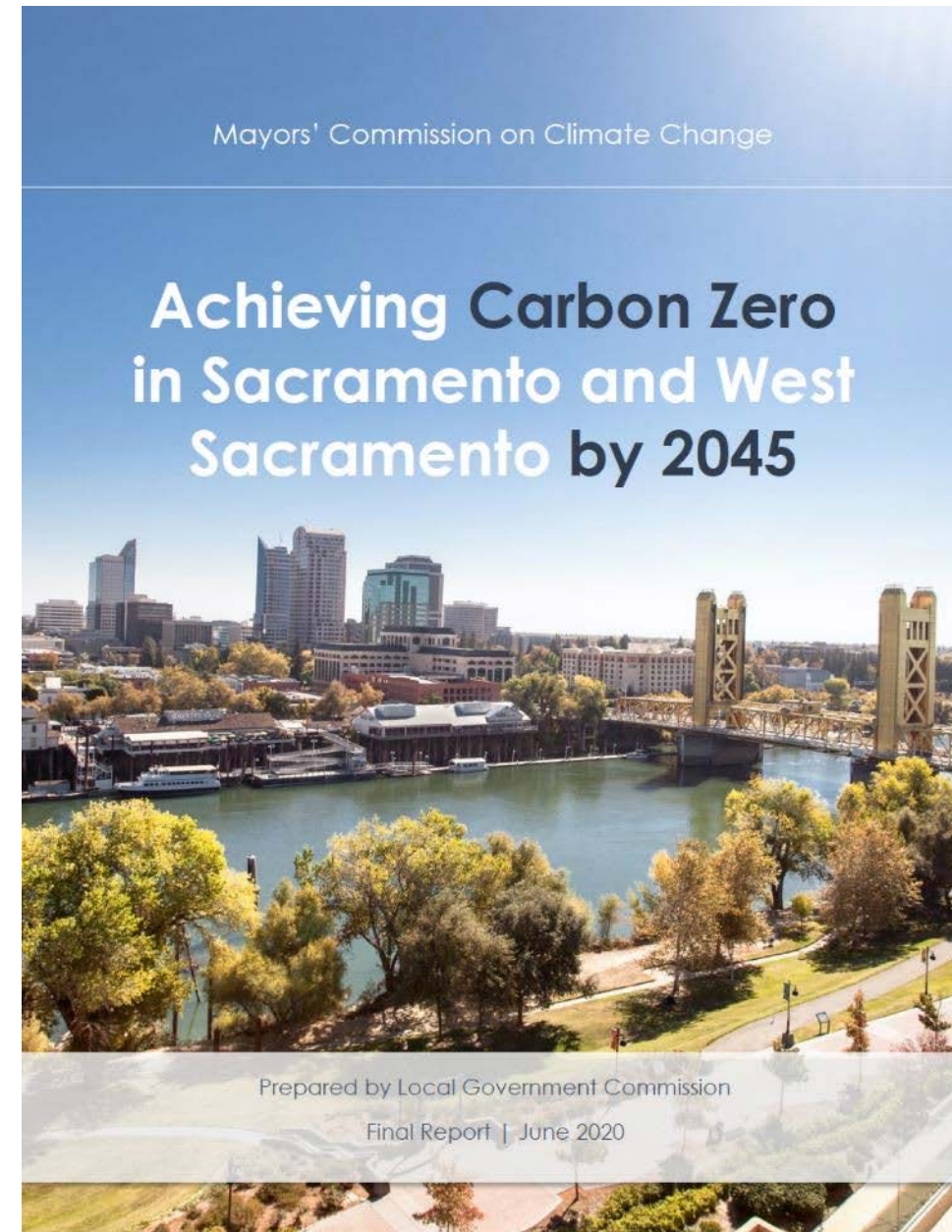
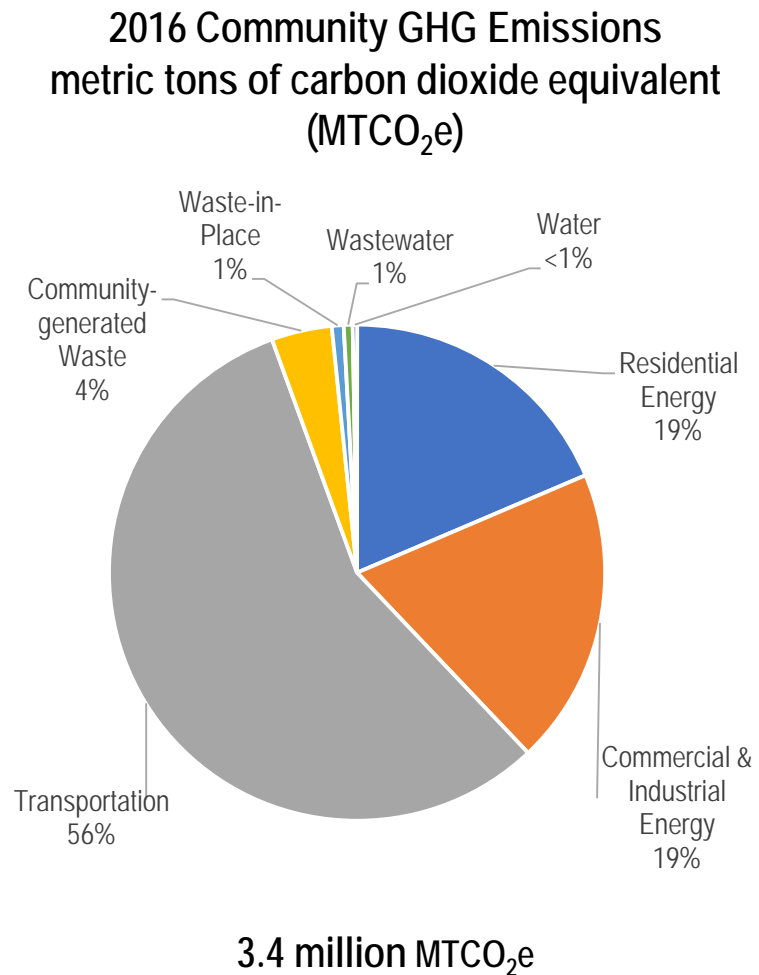


Jennifer Venema

jvenema@cityofsacramento.org

cityofsacramento.org/climateaction

Context



lgc.org/climatecommission/



New Building Electrification Ordinance

All-electric
construction

1

January 1, 2023, for all newly constructed buildings that are three stories or less to be all-electric buildings.

2

January 1, 2026, for all newly constructed buildings that are four stories or more to be all-electric buildings.

3

January 1, 2023, new construction to provide 20% EV capable charging spaces and at least one installed, operational Level 2 EV charger, for new construction of three stories or less

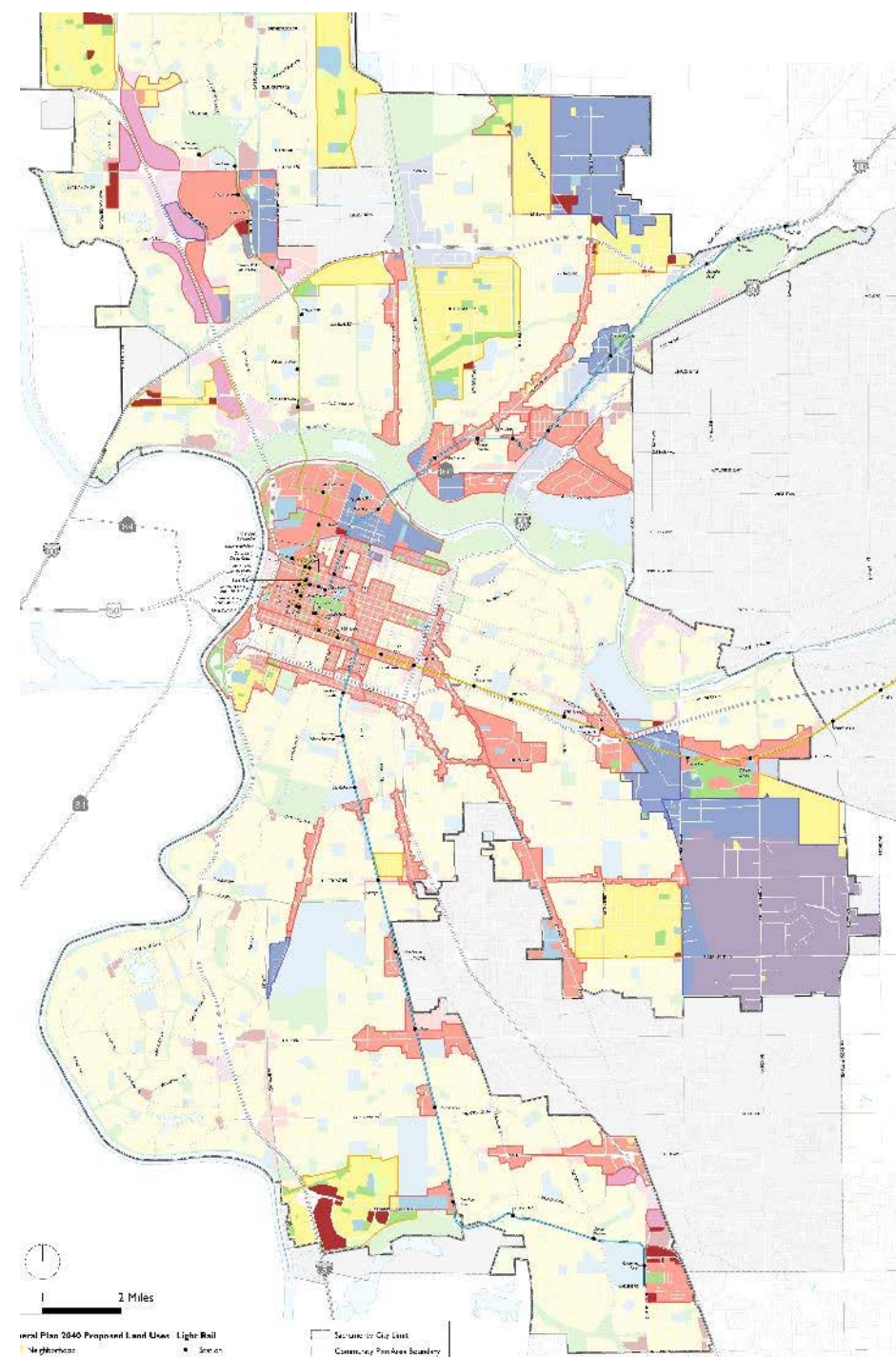
4

January 1, 2026, new construction to provide 20% EV capable charging spaces and at least one installed, operational Level 2 EV charger, for new construction of four stories or more.

EV infrastructure

2045 growth projections

- 68,405 new housing units
- 76,000 new jobs



An electric home

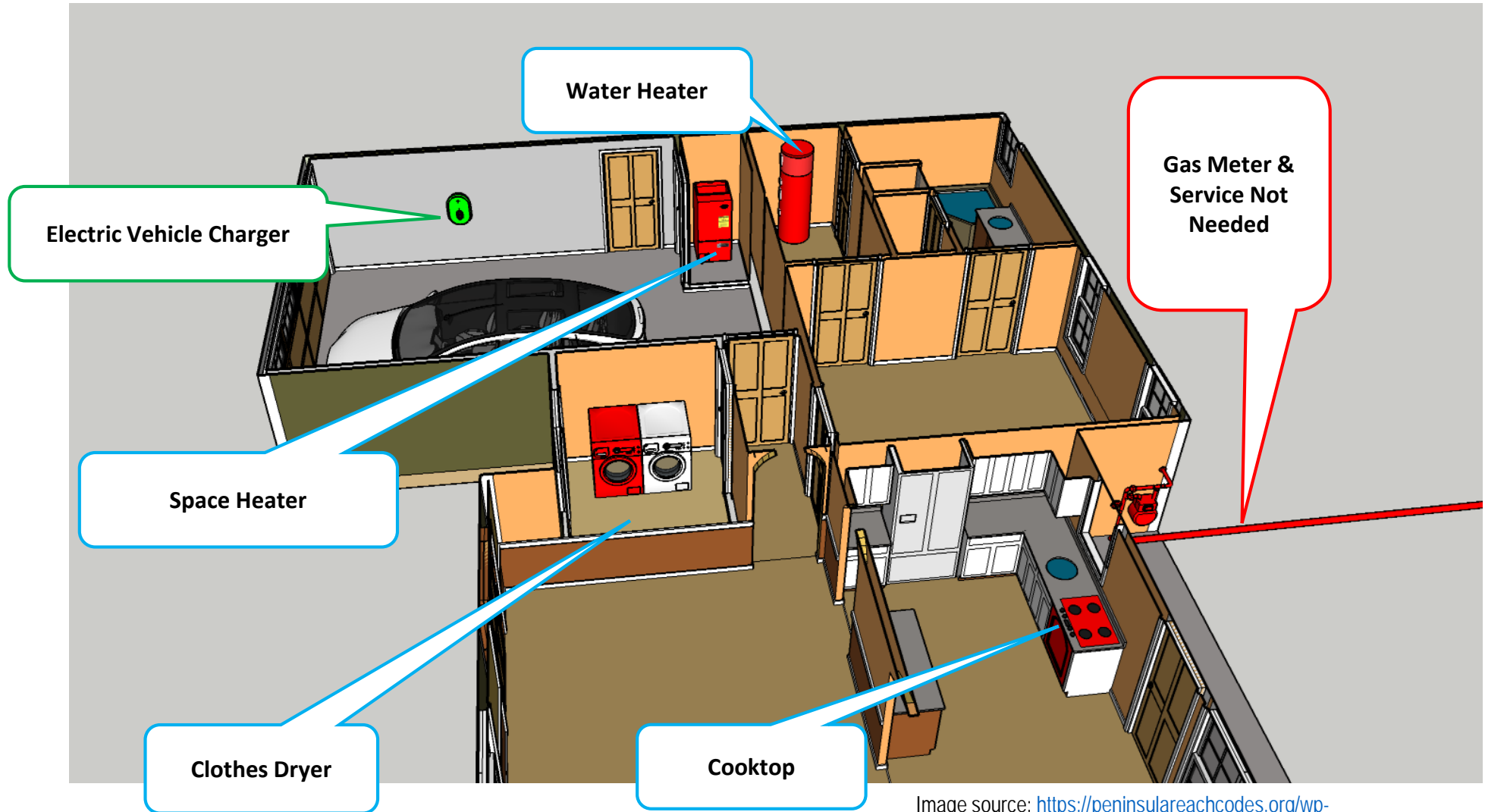


Image source: https://peninsulareachcodes.org/wp-content/uploads/2021/02/Reach-Code-Slide-Library-for-Cities_01-27-2021.pptx

Existing buildings

~198,000 existing housing units

Retrofit and electrify 25% by 2030: ~49,500 units



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Retrofit and electrify 25% by 2030: ~49,500 units

Potential cost by 2030:*

\$977M - \$1.96M

**Assumes cost ranges from City of Berkeley preliminary modeling, Existing Building Electrification Strategy*

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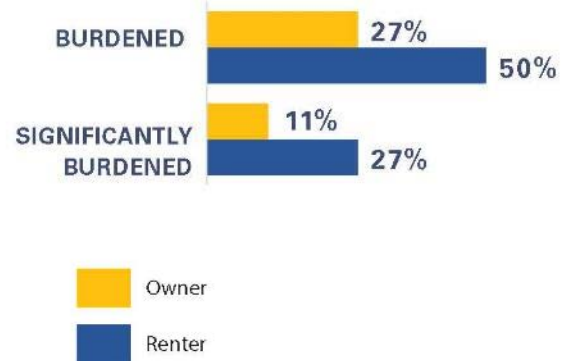
Potential cost for all existing housing units:*

\$3.9B - \$7.8B

**Assumes cost ranges from City of Berkeley preliminary modeling, Existing Building Electrification Strategy*

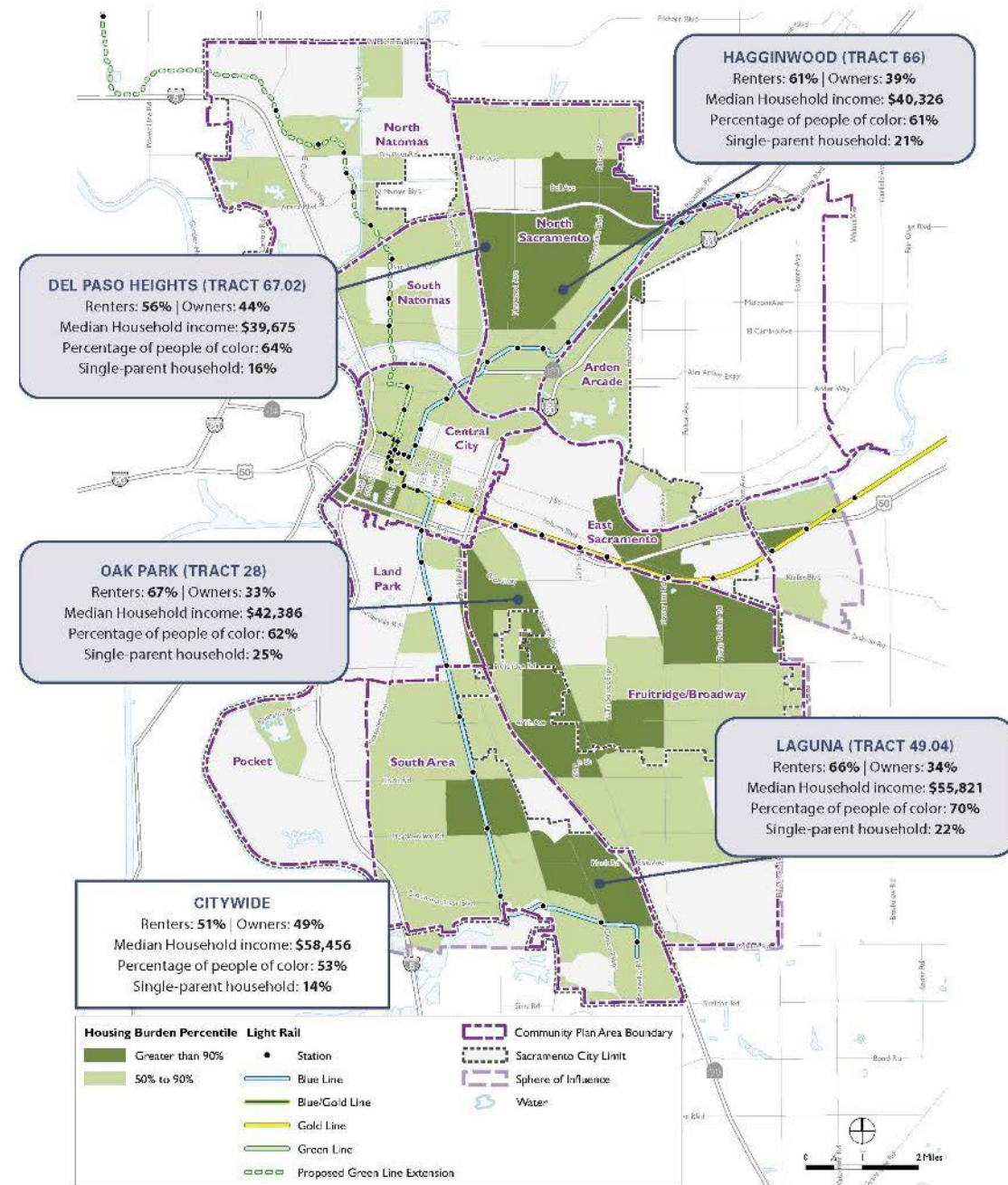
HOUSING BURDEN, 2018:

Sacramento



Sac2040gpu.org

Significantly Housing Burdened Low-Income Households



Source: CES, 3.0, 2018; American Community Survey, 2014-2018; City of Sacramento, 2019; Dyett & Bhatia, 2020.

Vehicle electrification

- 100% new car sales by 2035
- 75,000 zero-emission vehicles by 2025 (currently: ~5,000)
- 3,800 EV chargers by 2025 (currently: ~700)

Context setting: Mobility



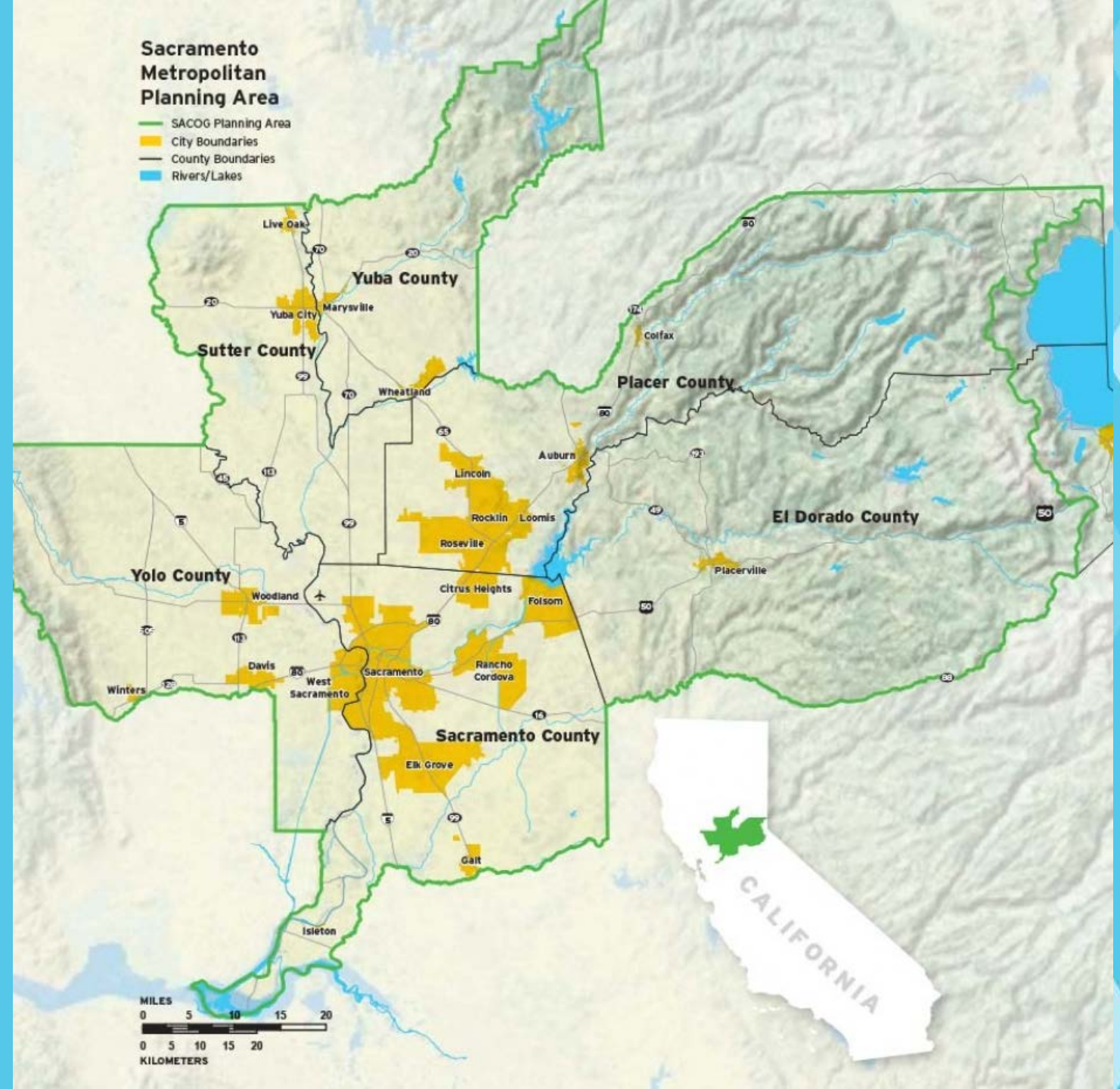
**Monica
Hernandez**
SACOG

Climate, Justice, and Jobs

Regional Call to Action



Who We Are



*Region on the cusp of
becoming more than 50
percent people of color*

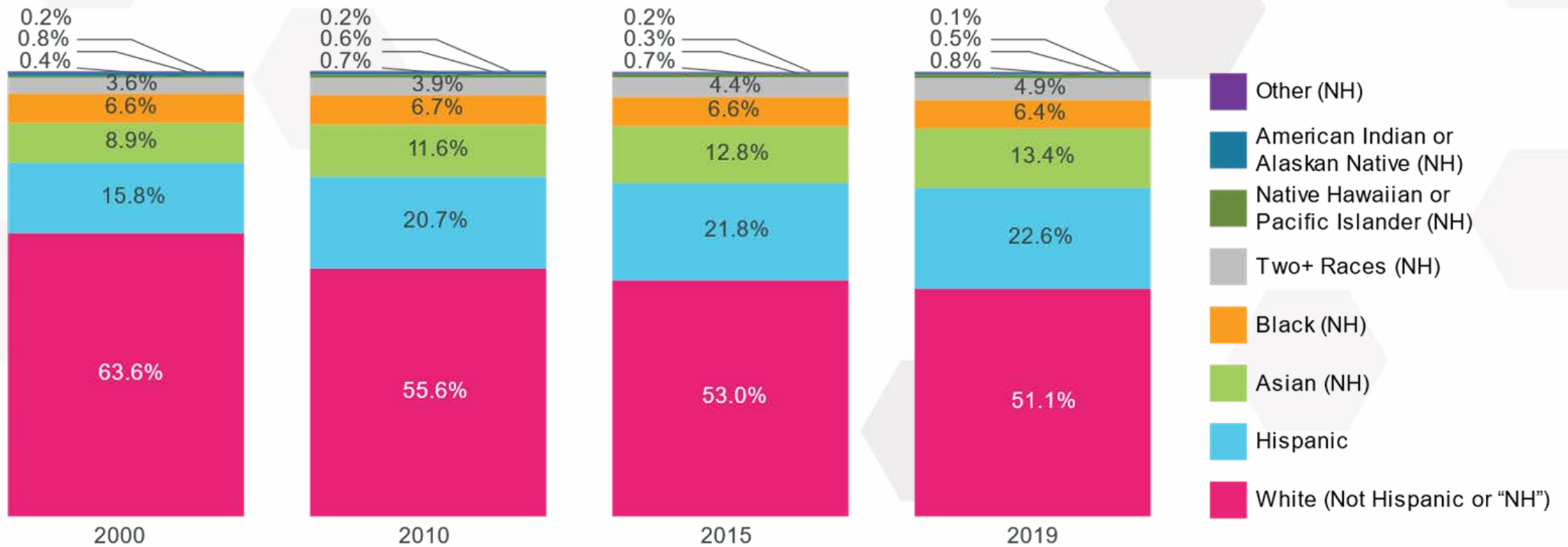
Who We Are

Economic Prosperity

Vibrant Places

Connected Communities

Race and Ethnicity in the Sacramento Region, 2000 to 2019




Source: SACOG, December 2020. Based on Census and American Community Survey data.

Who We Are

Economic Prosperity

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Education attainment illustrates disparity in Sacramento region

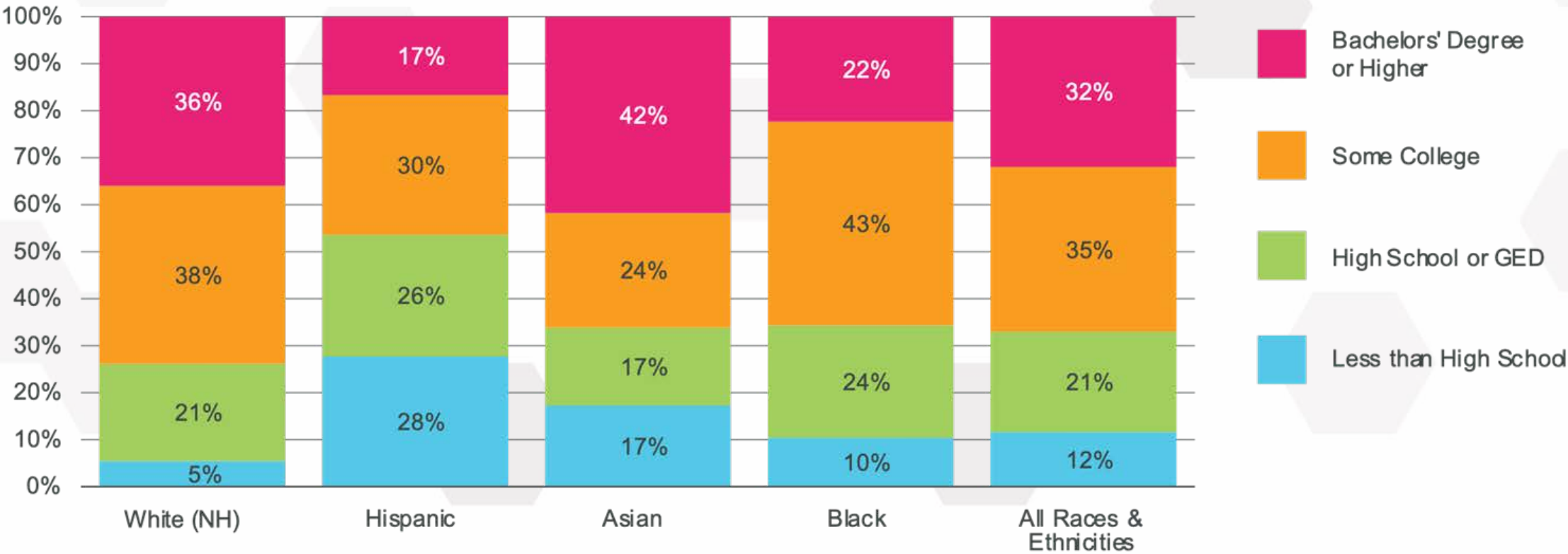
Who We Are

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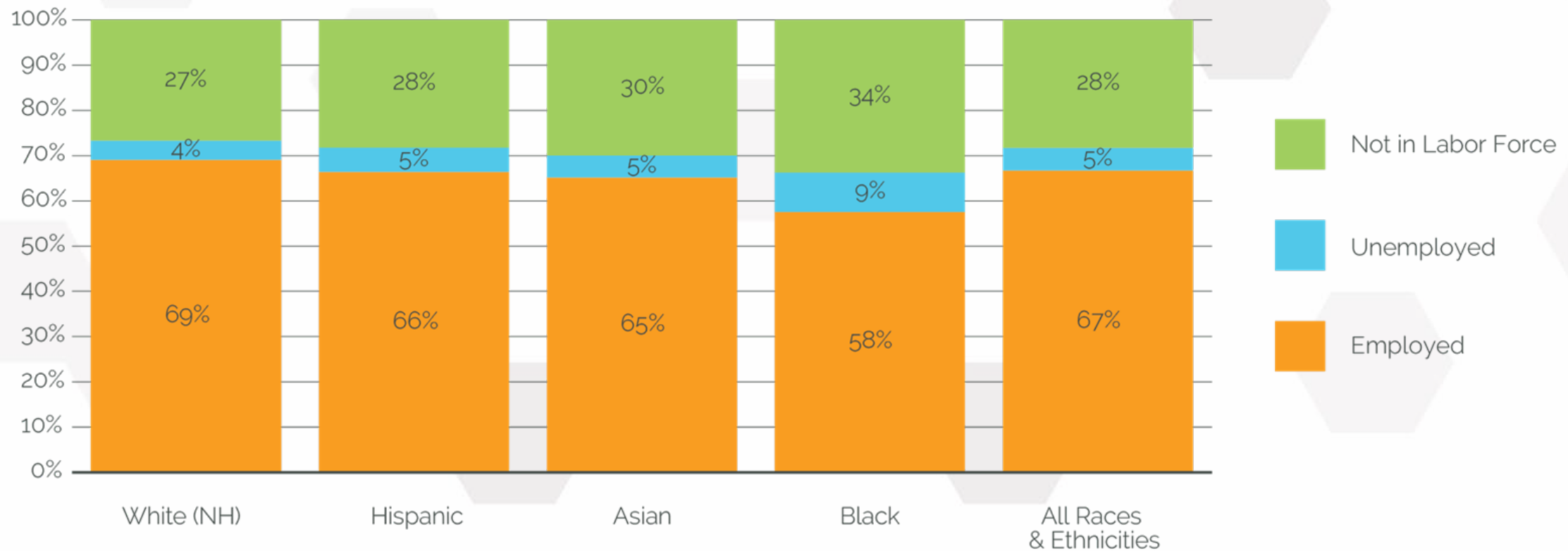
Education Attainment for Persons Aged 26+, 2018



Source: SACOG, December 2020. Based on American Community Survey 2018 5-year sample.

*Disparity also seen in labor
force participation*

Working Age (Age 16-64) Labor Force in Sacramento Region by Race/Ethnicity, 2018



Source: SACOG, December 2020. Based on American Community Survey 2018 5-year sample data.

Who We Are

Economic Prosperity

Vibrant Places

Connected Communities

Future Mobility

- Electric
- Connected
- Shared
- Autonomous
- Micro

Now, what?

- Center racial equity across platforms
- What do you see as the barrier to access the current pipelines?
- What retraining do we need?
- What current skills and trades need to be addressed to meet future needs?

Context setting: Climate-Smart Agriculture



**Jenny
Lester Moffitt**
California Department of
Food and Agriculture

CLIMATE SMART AGRICULTURE

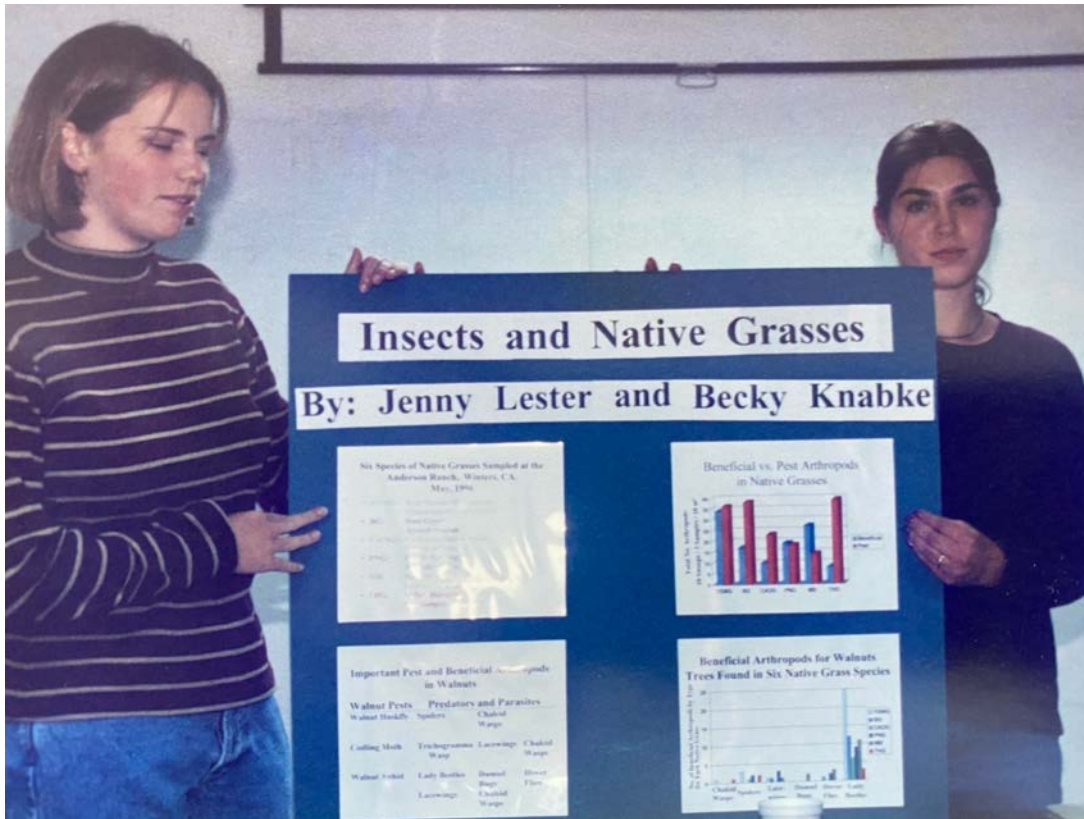
Jenny Lester Moffitt

Undersecretary

California Department of Food and Agriculture



FARMS Leadership



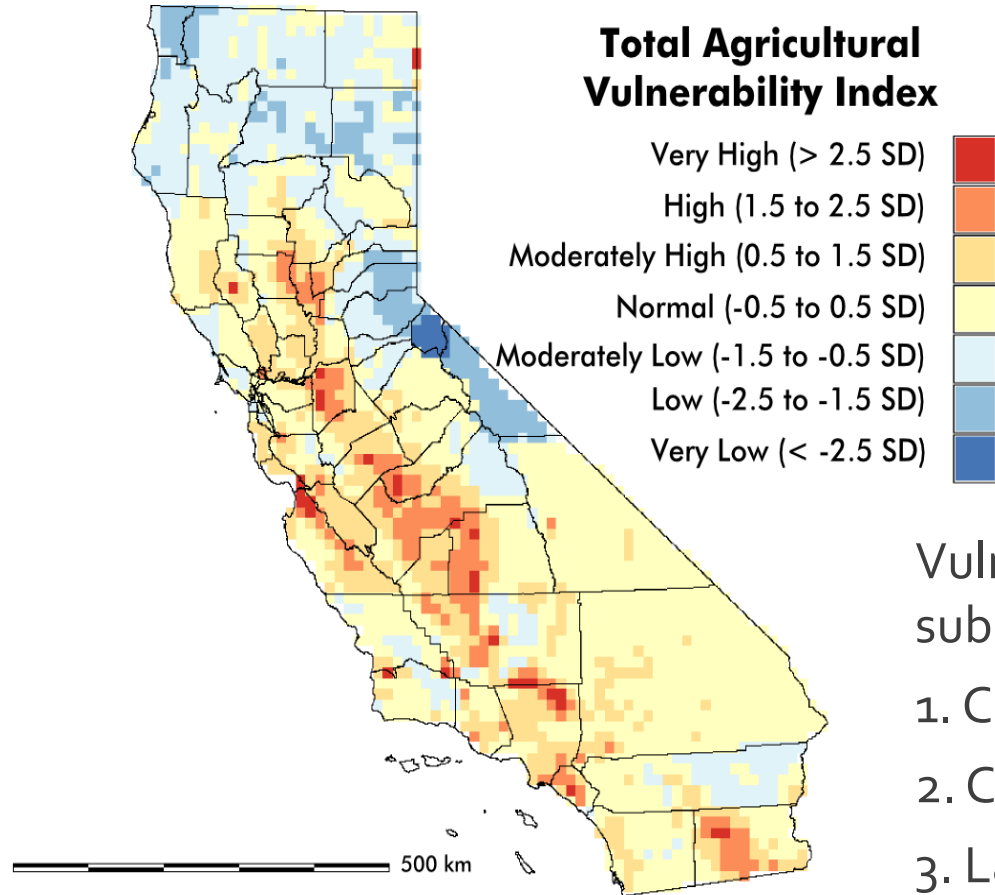


CALIFORNIA AGRICULTURE

- More than **\$50 billion** worth of agricultural production
- More than **13% of all US production** - nearly half of the country's fruits, nuts and vegetables are from California
 - More than **400 commodities** are produced here
 - Lead the nation in growing almost 80 commodities
 - We are the **sole producer of 14 commodities**, including almonds and raisins
 - Exports from California: **\$20.56 billion**, also leading the nation



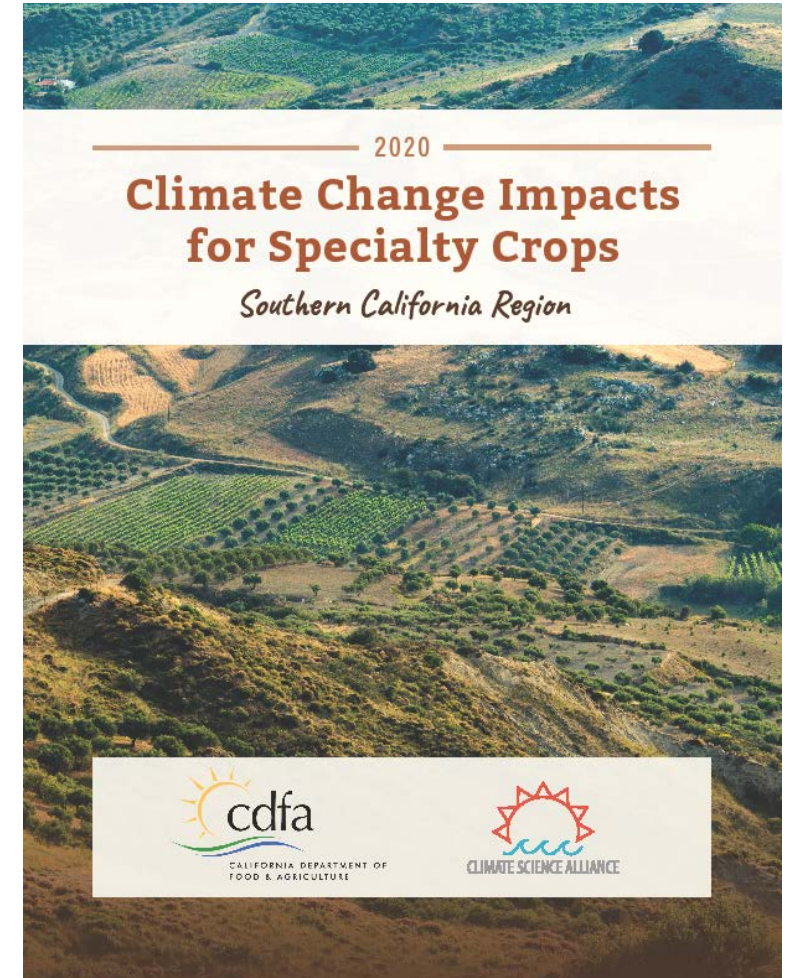
CLIMATE CHANGE VULNERABILITY



Study by Jackson et al. UC Davis with funding from CEC

Vulnerability Index uses 4 sub indices:

1. Climate
2. Crop
3. Land use
4. Socioeconomic



CLIMATE SMART AGRICULTURE PRACTICES

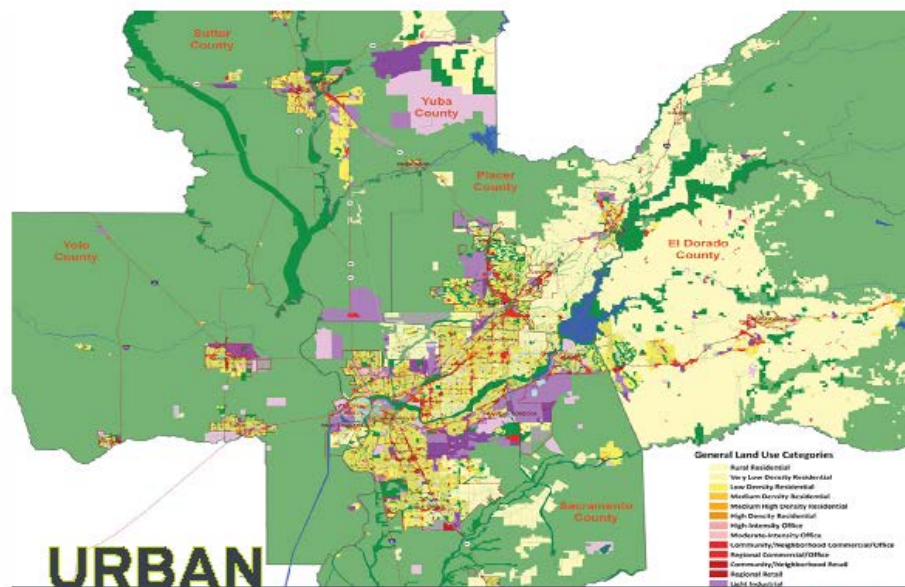
Adaptation and Mitigation

- Soil Carbon Sequestration
- Manure Management
- Water Management
- Nitrogen Management
- Integrated Farming Systems
- On-farm Renewable Energy & Energy Efficiency
- Agricultural Land Conservation

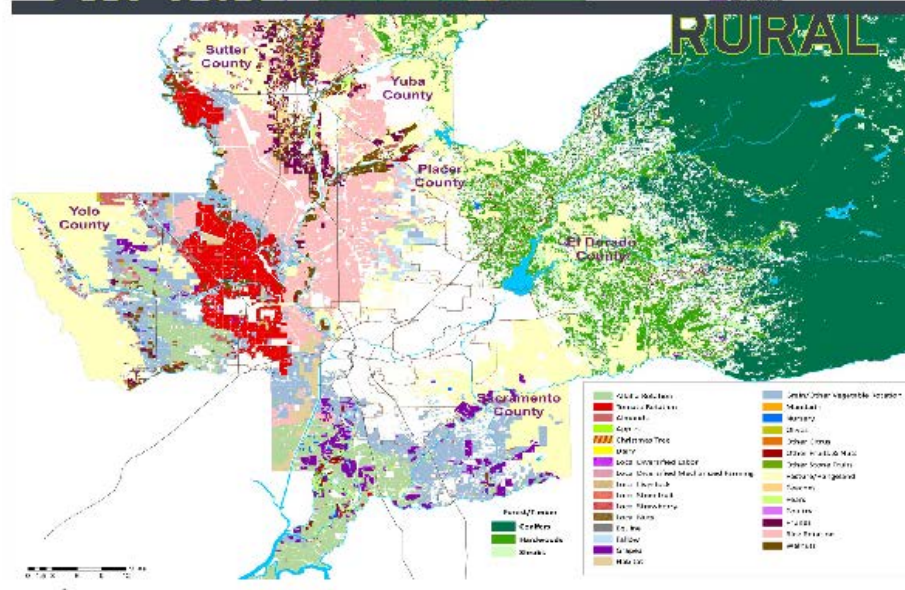




The Sacramento Area Council of Governments' unprecedented approach to enhance rural economies & the natural assets that drive them



URBAN



RURAL



LINKING FARM TO MARKET

Farmers in the Sacramento region have identified a need for expanded regional agricultural infrastructure- such as food hubs- to help them get the crops they grow from farm to market.

Food hubs connect locally produced foods directly to market by creating new market channels between growers and consumers, and can help small & mid-size growers:

- Access larger markets, such as institutional, wholesale, or even export buyers;
- Become more resilient to uncertain market conditions;
- Boost foods to higher premiums through value-added processing;
- Create regional jobs, while increasing access to fresh, healthy food.

To help bridge this market gap and capitalize on an important emerging economic development opportunity, SACOG developed a suite of business tools, models, and business plan as resources for entrepreneurs, jurisdictions, developers, investors and other stakeholders to help inform investment decisions and advance the development of regional agricultural infrastructure.

For more information, see SACOG's [Food Hub Feasibility Analysis](#).

A prototypical, region-serving **FOOD HUB** would expect:



 \$3.5 million
initial investment

cash positive
by Year 5

with annual profit growing to over

 \$2 million
by Year 7

500-700 acres
supplying produce
would earn



 **\$2.4 million**
for
Local farmers



& supply ¼ of annual
fruits & vegetables
for 72,500 residents



LOCATION COUNTS

Locating processing & distribution closer to farms provides for a more efficient system, reducing how many miles food travels between farm & table.

SACOG found that if a local tomato processor shut down:

Vehicle miles & transport CO₂ emissions would increase by **10x**

 ...leading to higher emissions than if the plant remained in operation.

RUCS tools allow policymakers to strategically plan for the future and ensure compliance with regulatory targets.

HEALTHY SOILS PROGRAM

2016-2020: \$48.5 million

- Financial incentives to implement & expand healthy soils practices
- First in the nation to tie soil management practices with carbon sequestration in soils with the scientific assistance of USDA NRCS

580

Direct farmer projects
selected for funding

66

Demonstration
projects selected for
funding

Number of Projects

Progress

56,031

Acres

109,809

Tons CO₂ reduced/year

Top Practices



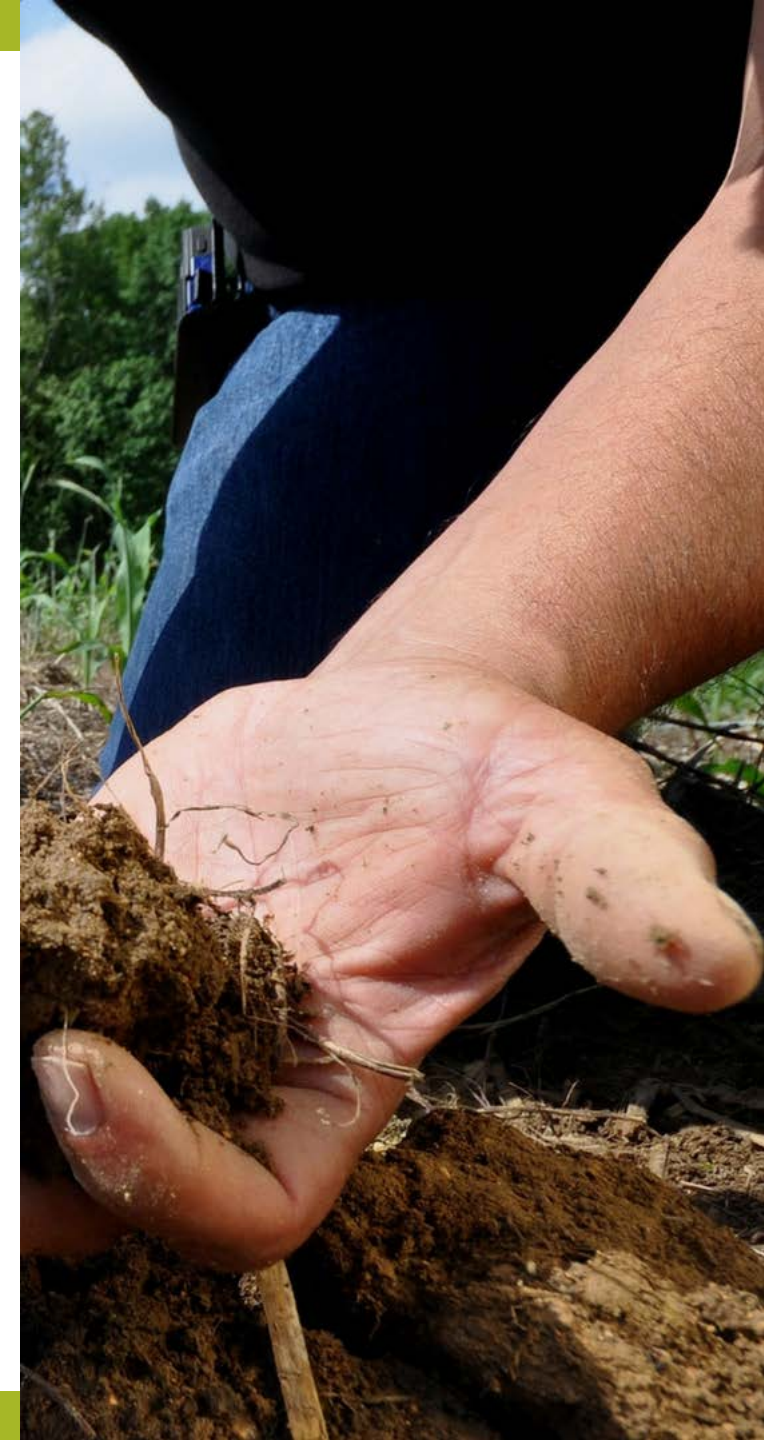
Compost
Application



Cover
Crops



Hedgerow
Plantings



FARMER EQUITY



Reporte a la Legislatura de California sobre la Ley de Equidad para los Agricultores 2020

EQUIDAD



2020 Report to the California Legislature on the Farmer Equity Act

EQUITY





Aida Cardenas

**California Workforce
Development Board**

Jobs

Aida Cardenas, Deputy Director, CWDB

Renee John, Regional Organizer, Valley Vision

Roy Kim, Deputy Director, SETA/SacramentoWorks



High Road Jobs

Aida Cardenas

Deputy Director,
California Workforce Development Board



CWDB High Road Framework

Equity - Building economic opportunity and mobility for those who have been marginalized, disadvantaged, and/or denied opportunity.

Climate - Mitigating and supporting adaptation to climate change; increasing environmental sustainability; building community and economic resilience.

Jobs - Engaging with the state's high road employers to increase quality jobs and design skills answers to their shared needs.

H RTP Initiative

- The purpose of a H RTP is not only to develop a program, project, or curriculum, but to lay the foundation of an industry-based skills infrastructure that can negotiate the future of work to build regional economies for California.

4 Elements of H RTP:

- **Industry Led Problem Solving**
- **Partnerships a Priority**
- **Worker Wisdom**
- **Industry Driven Education & Training Solutions**

Regional High Road Efforts

- **Sac-Sierra-Yolo High Road Training Partnership**
 - Objective: To expand and lengthen structured pathways into the building and construction trades as the sector transitions to meeting the region's needs to address climate change and environmental sustainability through inclusive growth strategies
- **High Road to the Future of Mobility**
 - Objective: To expand CMC workforce training programs into additional priority population communities

HIGH ROAD
CONSTRUCTION CAREERS


Golden Sierra

Seta



HIGH ROAD
TRAINING PARTNERSHIP



CMC
CALIFORNIA
MOBILITY CENTER



Renee John
Valley Vision

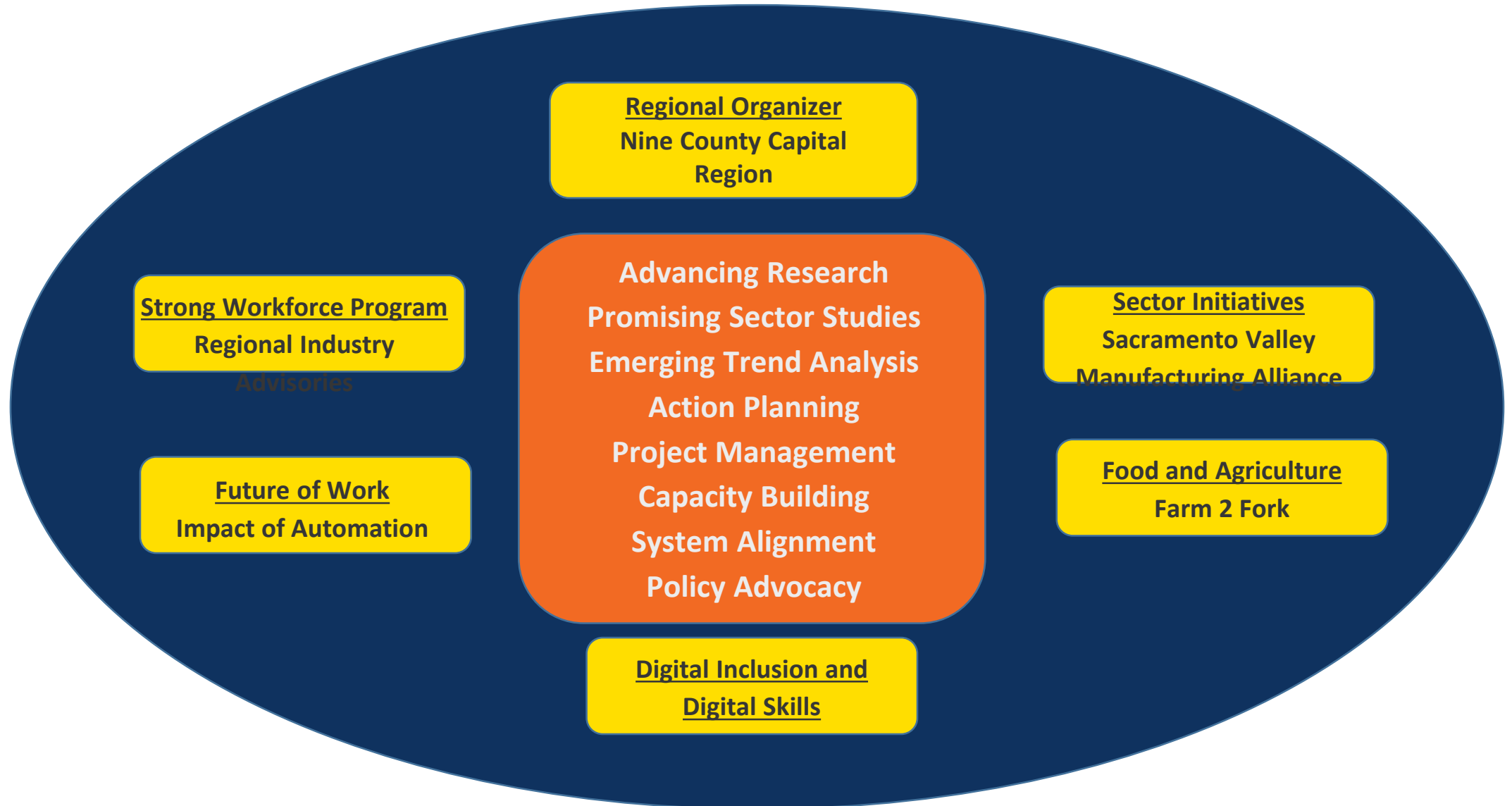
Regional Workforce Organizing

Renee John

Workforce Manager, Valley Vision



21st Century Workforce Impact Area



Capital Region Workforce Planning Area



Golden Sierra Job Training Agency



North Central Counties Consortium
(NCCC)



Sacramento Employment & Training
Agency (SETA) / Sacramento Works



Yolo Works



Capital Region Annual Impact



Individuals Helped
68,725



**% with Barriers to
Employment 81.1**



**\$1 Invested = \$4.17 in
earnings**



% Employed
70.6



**Avg Annual
Earnings \$38,542**



Roy Kim
**Sacramento
Employment and
Training Agency**

SETA/SacramentoWorks

Roy Kim

Deputy Director,
Sacramento Employment and Training Agency



Enabling Inclusive Upward Mobility

Workforce boards are responsible for addressing workforce needs of high employment barrier populations

High employment barrier populations include:

- Public Assistance
- Low Income
- Basic Skills Deficient
- Veterans
- Disadvantaged Youth
- Limited English Proficient
- People with Disabilities
- Justice Involved

SacramentoWorks s Annual Impact



Individuals Helped
48,318



**% with Barriers to
Employment 90.7**



**\$1 Invested = \$3.40 in
earnings**



% Employed
64.8



**Avg Annual
Earnings \$35,922**

Employment Activities

Employment Preparation with Local Workforce Boards



Basic Skills



Job Readiness



Training



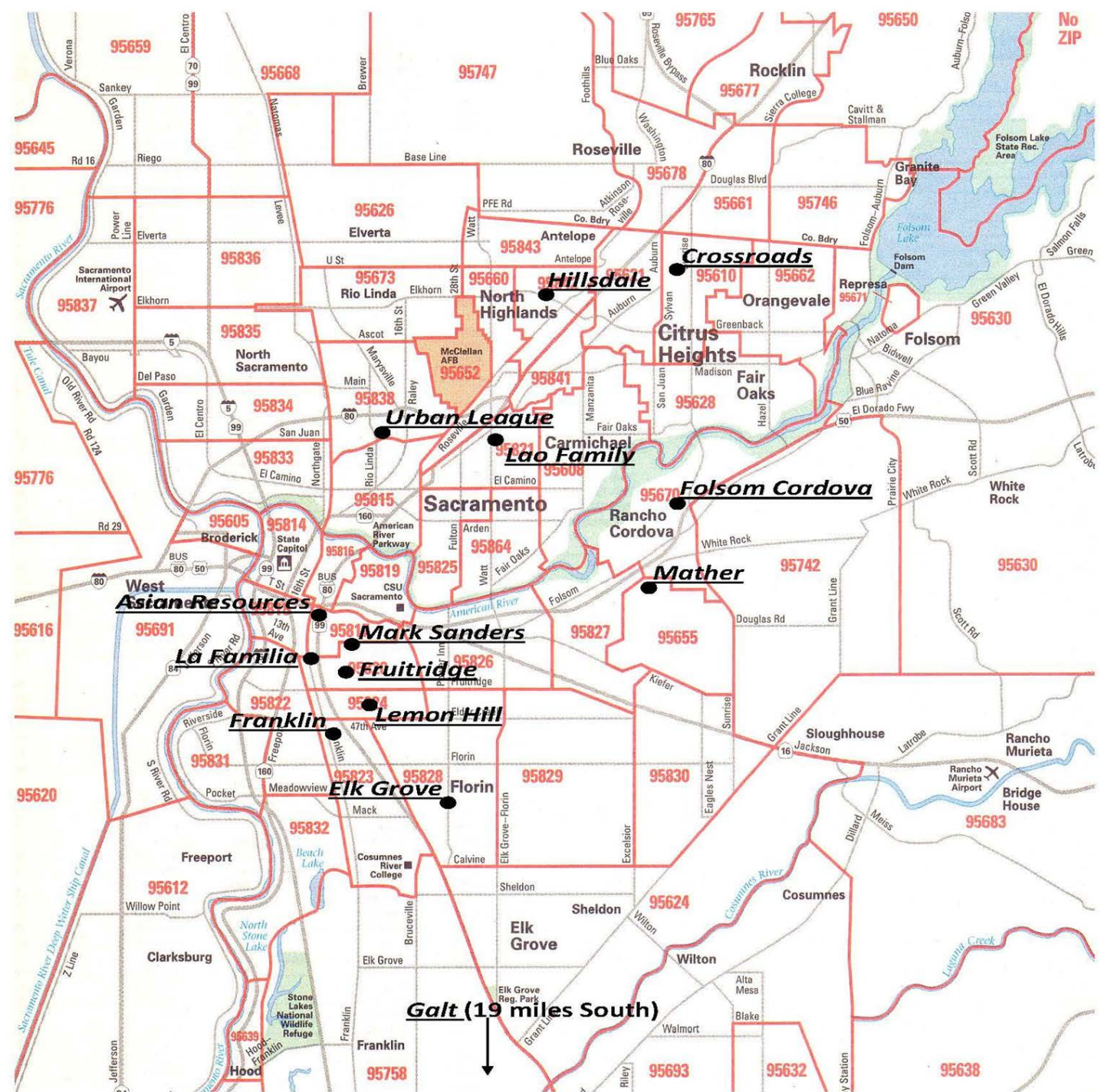
Employment



Safety Net Services



Community Wide Support



Thank you!



Aida Cardenas, Deputy Director
<https://cwdb.ca.gov/initiatives/hrcc/>
<https://cwdb.ca.gov/initiatives/high-road-training-partnerships/>



Renee John, Project Leader
valleyvision.org



Roy Kim, Deputy Director
seta.net
sacramentoworks.org
capitalregionworkforceboards.com

Next Session:

**State and Regional look at
Climate, Justice, and Jobs**



Luis Sanchez

Community Resource
Project



Kip Lipper

Office of the CA Senate
Pro Tem

Time to stretch! See you again at 11:20

City of
SACRAMENTO



**Cleaner Air
Partnership**

SACRAMENTO METROPOLITAN



AIR QUALITY
MANAGEMENT DISTRICT



Breakout Discussions



**Glenda
Humiston**
University of
California



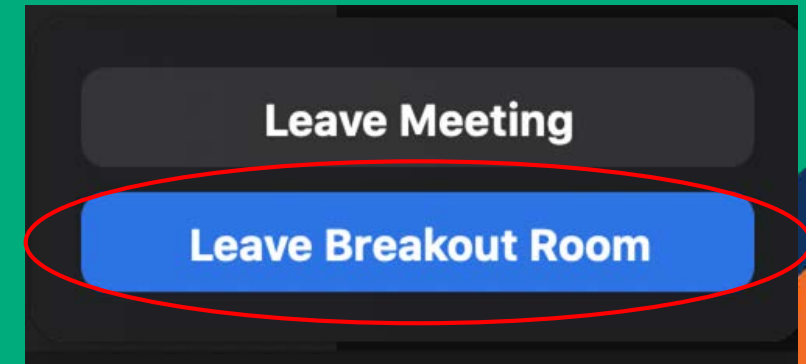
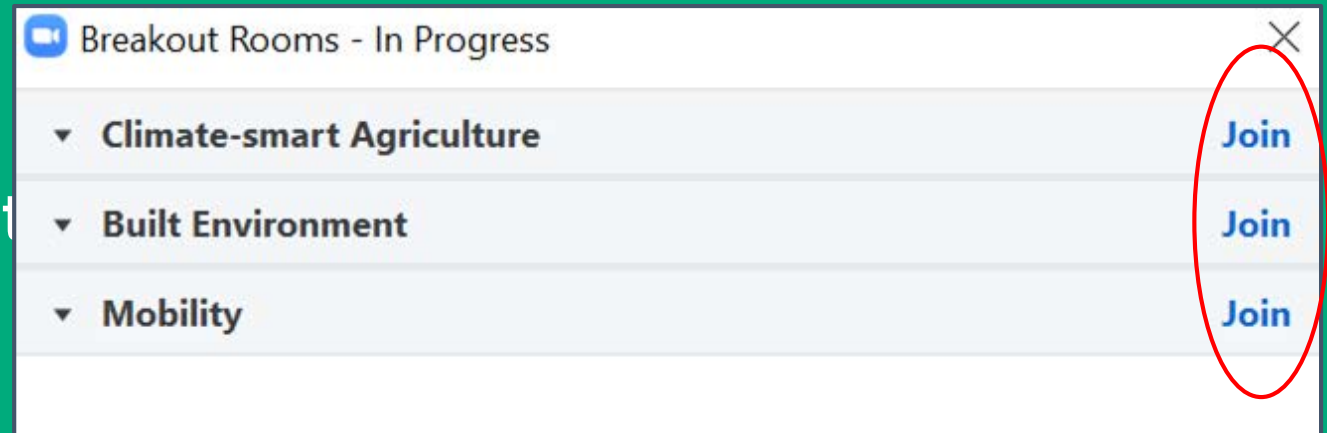
Kacey Lizon
SACOG



Judy Robinson
Sacramento-area
Plug-in Electric
Vehicle Collaborative

Breakout Rooms

- If you have pre-registered for a specific Breakout Room - Zoom will move you there!
- Haven't pre-registered? No worries - you'll see a box that looks like this →
Join any room!
- Changed your mind or want to explore another room? Leave the breakout and re-join another room!



Enjoy the breakout sessions!

Welcome Back!

Report Out

Adjourn

#CleanJustJobs



valley vision

Community Inspired Solutions