

2025 Climate Action Plan & Resilience Update

Environment & Climate Commission

April 23, 2025





Climate Impacts

Berkeley Leadership

Greenhouse Gas Inventory

Implementation Highlights

Our Climate Future

September 9, 2020 – Berkeley Marina



December 31, 2022 – East Bay



Salgu Wissmath/San Francisco Chronicle via AP

January 2025 – LA Fires



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Climate Impacts

Berkeley Leadership

Greenhouse Gas Inventory

Implementation Highlights

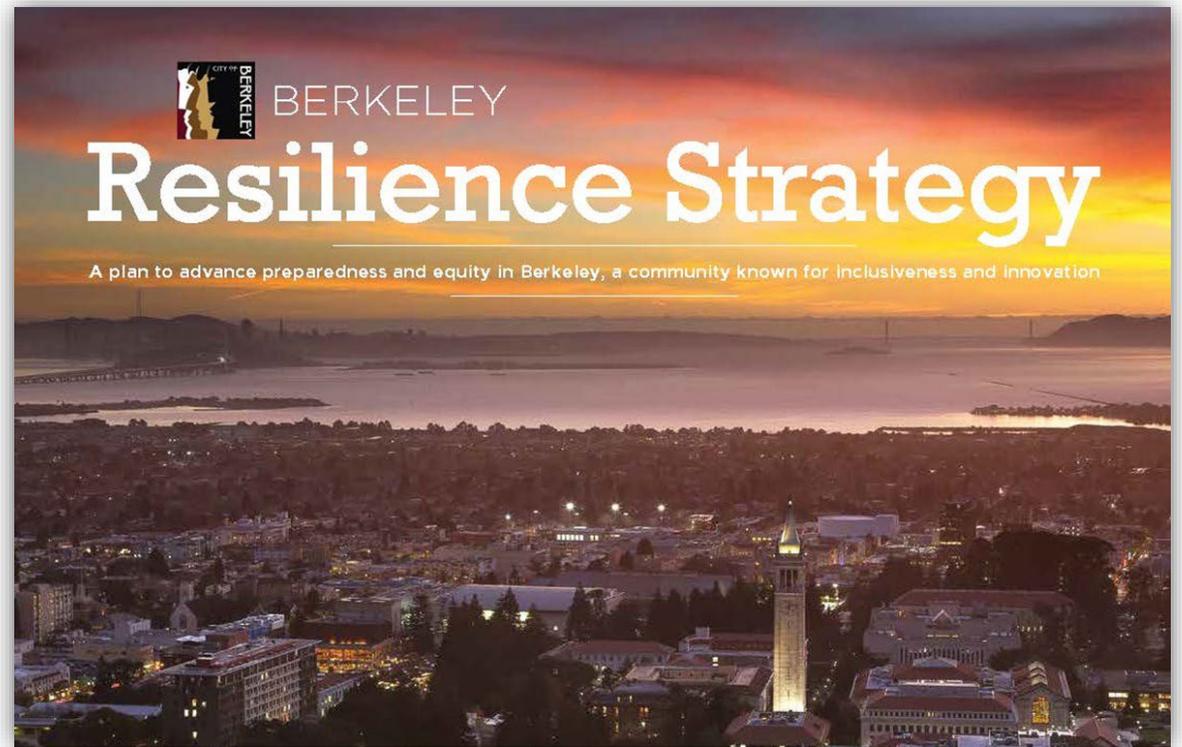
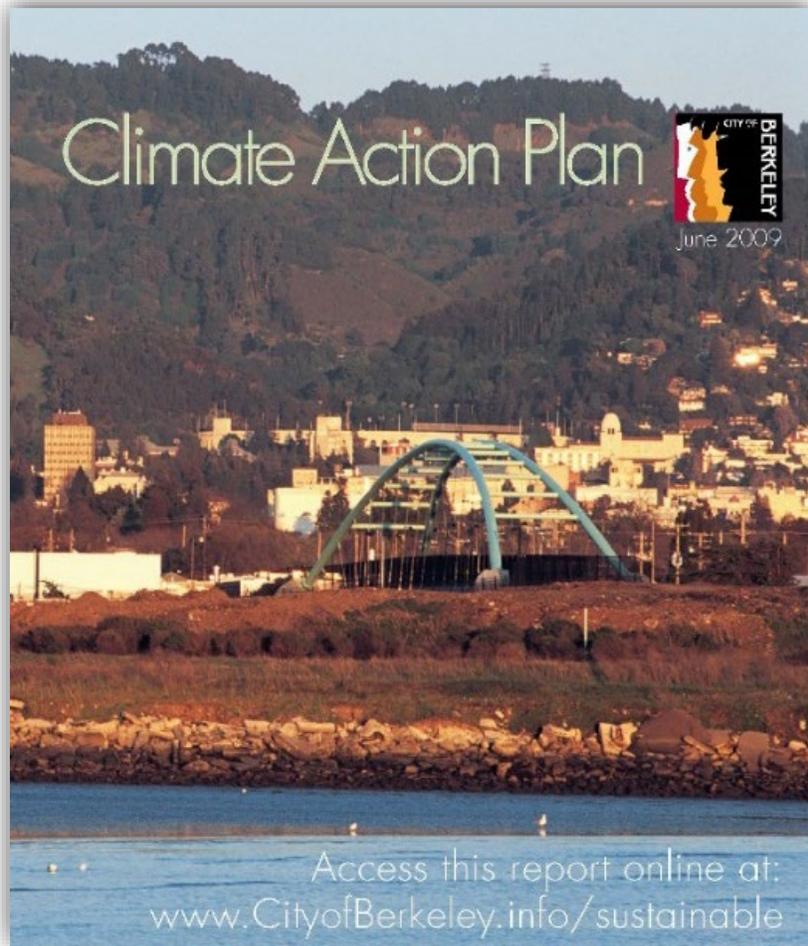
Our Climate Future

Environmental Leadership

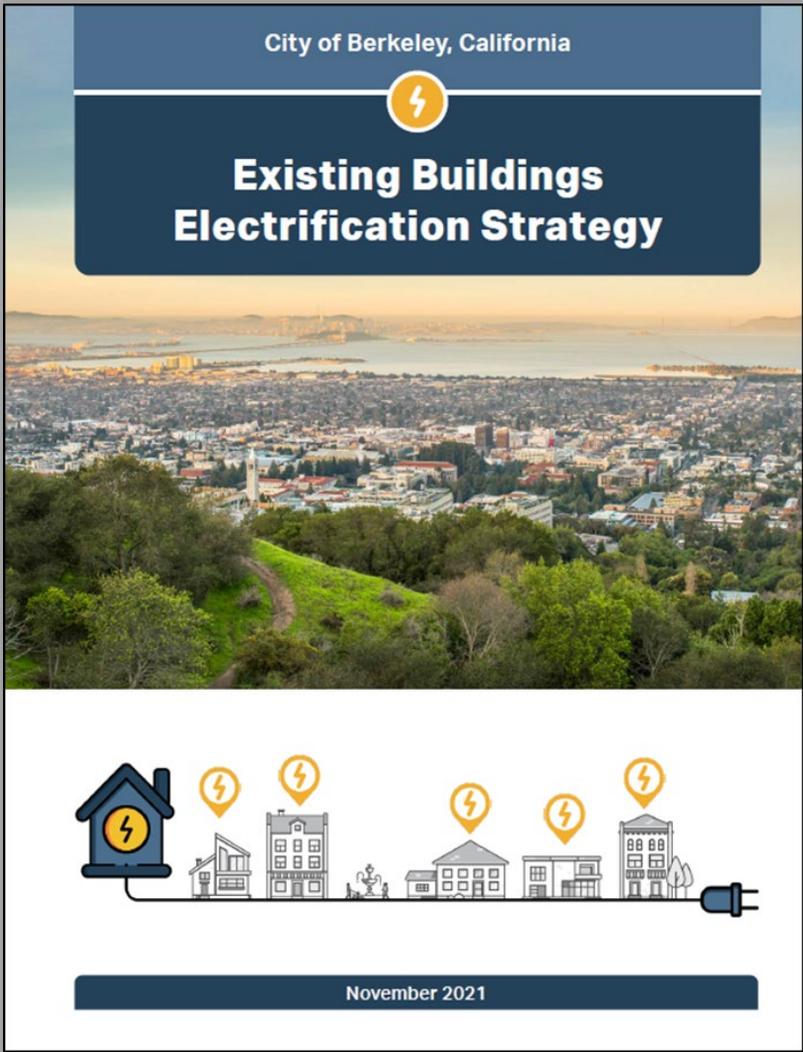
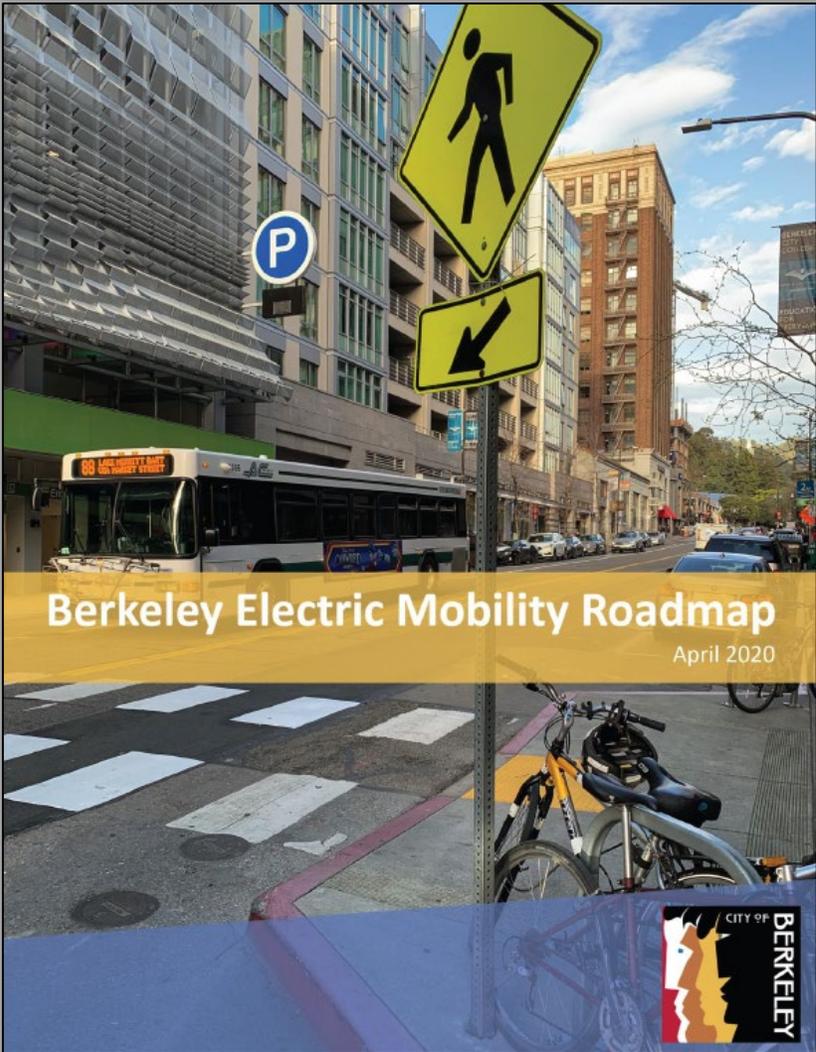


CITY OF BERKELEY

City Frameworks



Equitable Climate & Resilience Plans



Berkeley's Ambitious Climate Action Goals

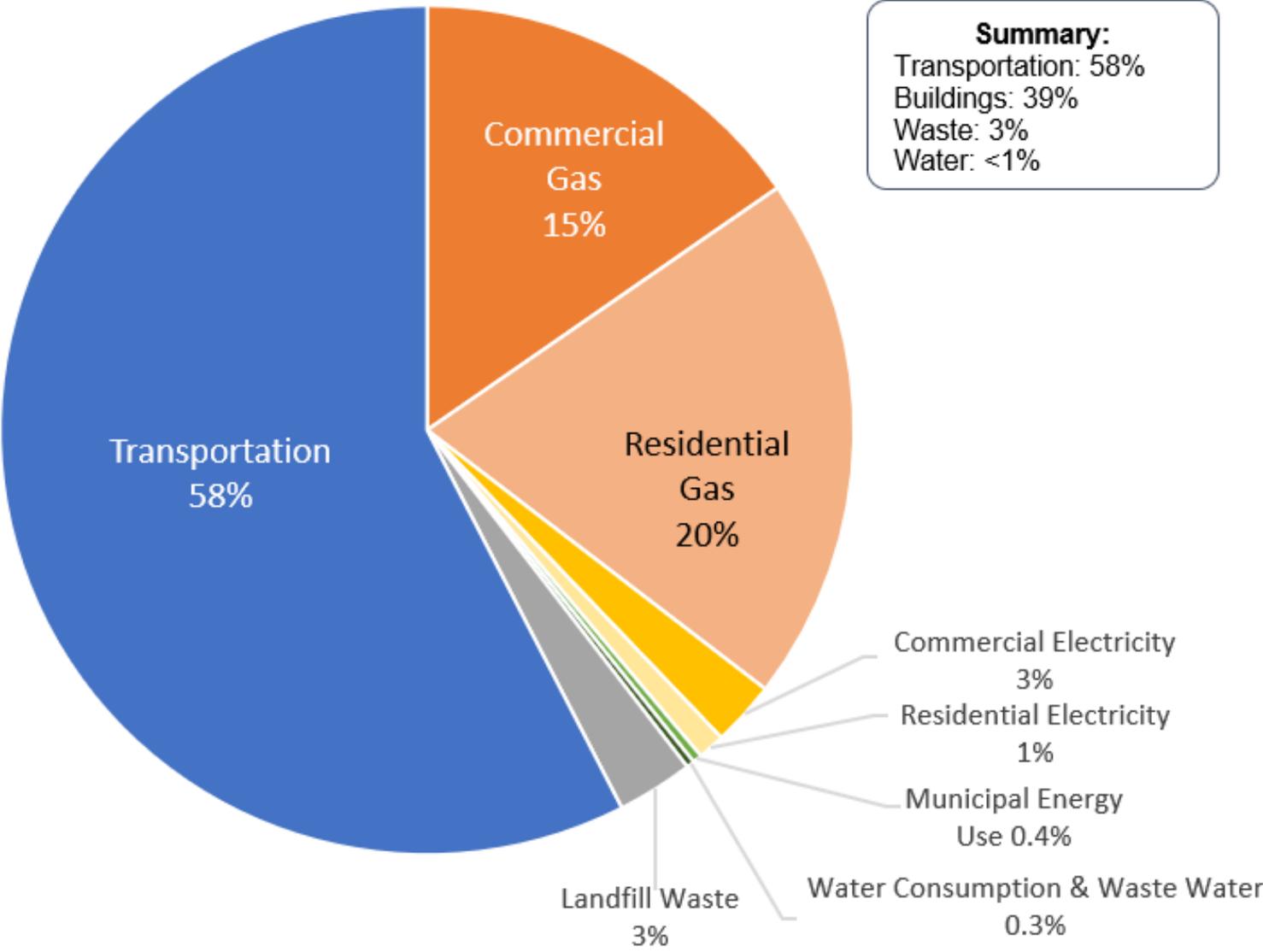


- Climate Action Plan (2009)
- Fossil Fuel Free City (2018)
- Climate Emergency Declaration (2018)
- 100% Renewable Electricity by 2035 (2018)
- Net Zero Carbon Emissions by 2045 (2018)
- Race to Zero (2021)
- National Building Performance Standards Coalition (2023)



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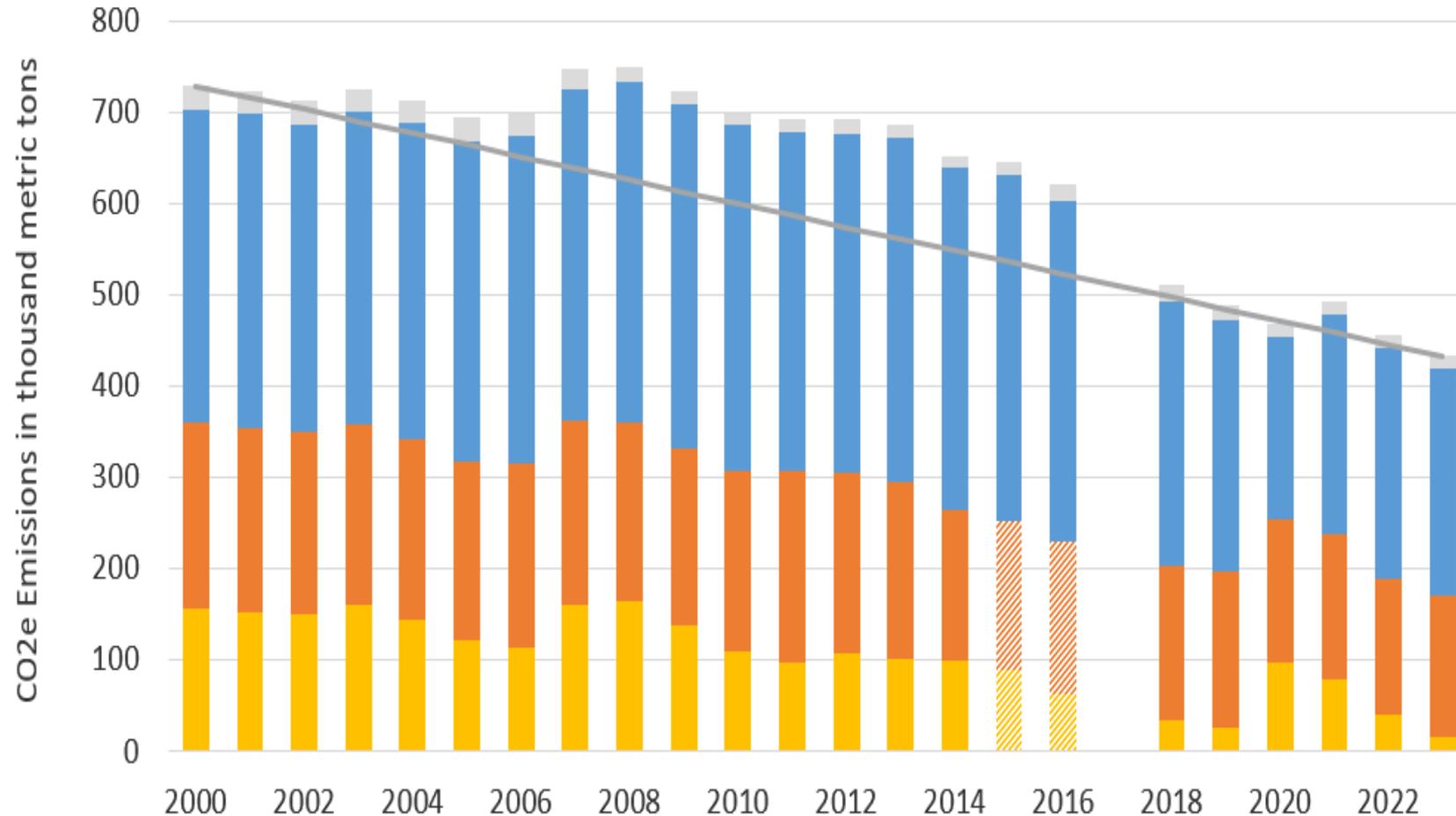
2023 GHG Emissions Inventory



GHG Emissions Inventories (2000-2023)



Community-Wide Emissions



Since 2000...

↓ 41%



Waste & Water



Transportation



Gas



Electricity

Building Energy Estimated

- 
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Buildings & Infrastructure



Standards for New Construction



Equity Guardrails



**MAXIMIZE ACCESS
TO HEALTH,
SAFETY &
MOBILITY
BENEFITS**



**MAXIMIZE ACCESS
TO ECONOMIC
BENEFITS**



**MAXIMIZE EASE
OF
PARTICIPATION**



**PROMOTE HOUSING
AFFORDABILITY &
ANTI-
DISPLACEMENT**

Climate Equity Fund: Buildings



Casa Joaquin Murrieta heat pumps



Walnut House Coop heat pumps for the centralized heat pump water heater system, bringing hot water to each of the units

High Roads Training Partnership – Just Transition



Bay Area Residential Decarbonization High Road Training Partnership

Mission

The HRTP seeks to increase job quality and equitable access for all workers in the residential decarbonization market, starting in the 9-Bay Area County region

Vision

A residential building decarbonization industry that supports quality jobs, engages a qualified workforce, and provides stable career pathways for disadvantaged workers while simultaneously reducing GHG emissions and building more resilient communities



Building Emissions Saving Ordinance (BESO)

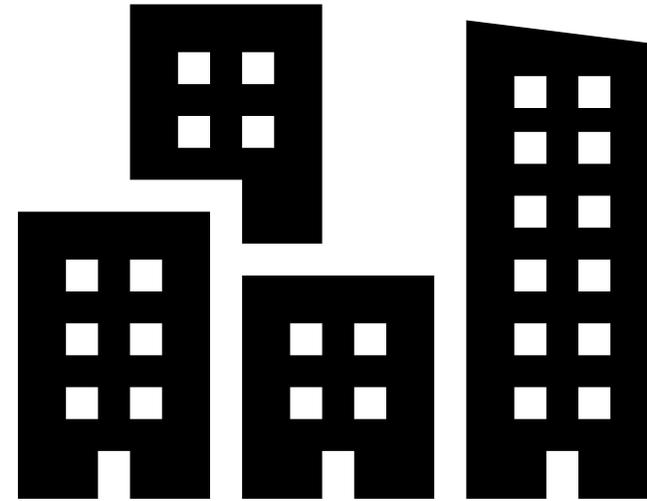


Time of Sale Program



Buildings **less** than
25,000 sqft

Large Building Program

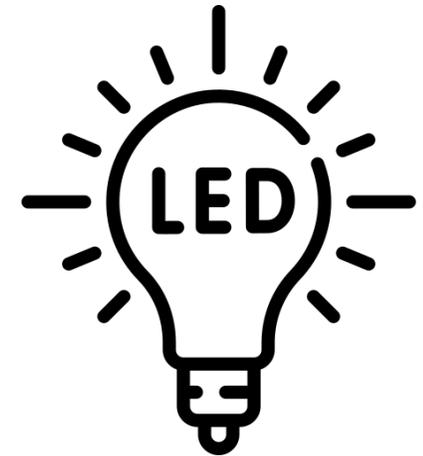


Buildings **greater** than
25,000 sqft

Municipal Building Lighting Upgrades to LED



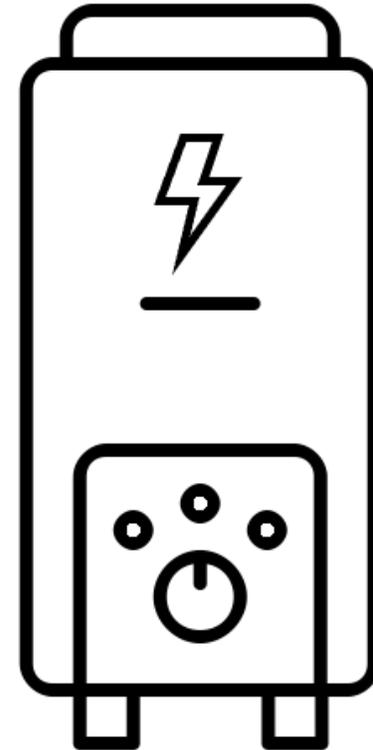
Site	Year Upgraded	Annual kWh Saved
Fire Station #4	2022	9,500
Fire Station #7	2022	26,000
Emergency Services Warehouse	2023	8,800
Telegraph/Channing Garage	2023	67,000
Oxford Garage	2023	27,800
1947 Center Street	2024	164,500
Main Library Phase 1	2024	150,000
	TOTAL	453,600



Municipal Building Heat Pump Water Heaters



- Main Library
- North Branch Library
- South Branch Library
- Corporation Yard Green Room
- Corporation Yard Ratcliff Building
- Fire Station #3
- Fire Station #6
- Marina Restroom
- Harrison House
- Women's Daytime Drop-In Center



Transportation



Active Transportation Improvements

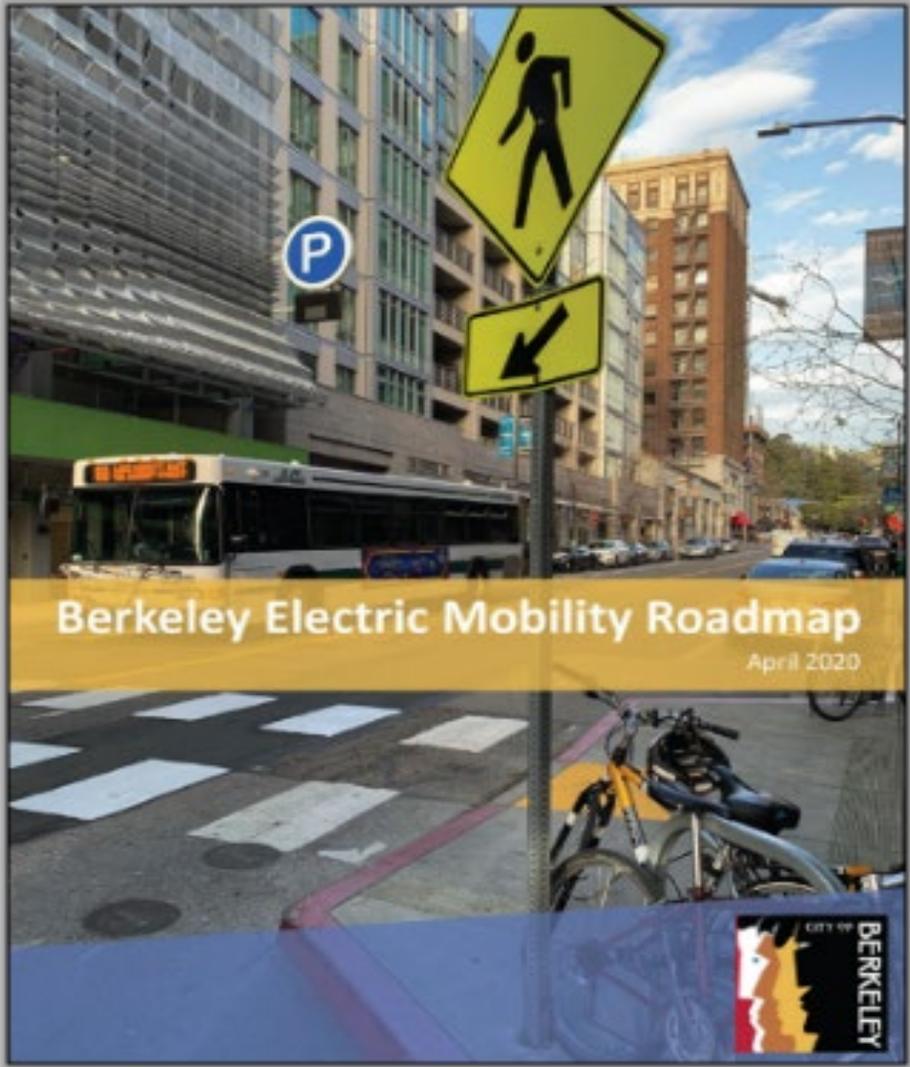


Southside Improvements



MLK Jr Way Vision Zero Quick Build

Electric Mobility



Climate Equity Fund: Berkeley E-Bike Equity Project



I no longer depend on public transportation or ride sharing. I use the e-bike for all of my travels. – Julio

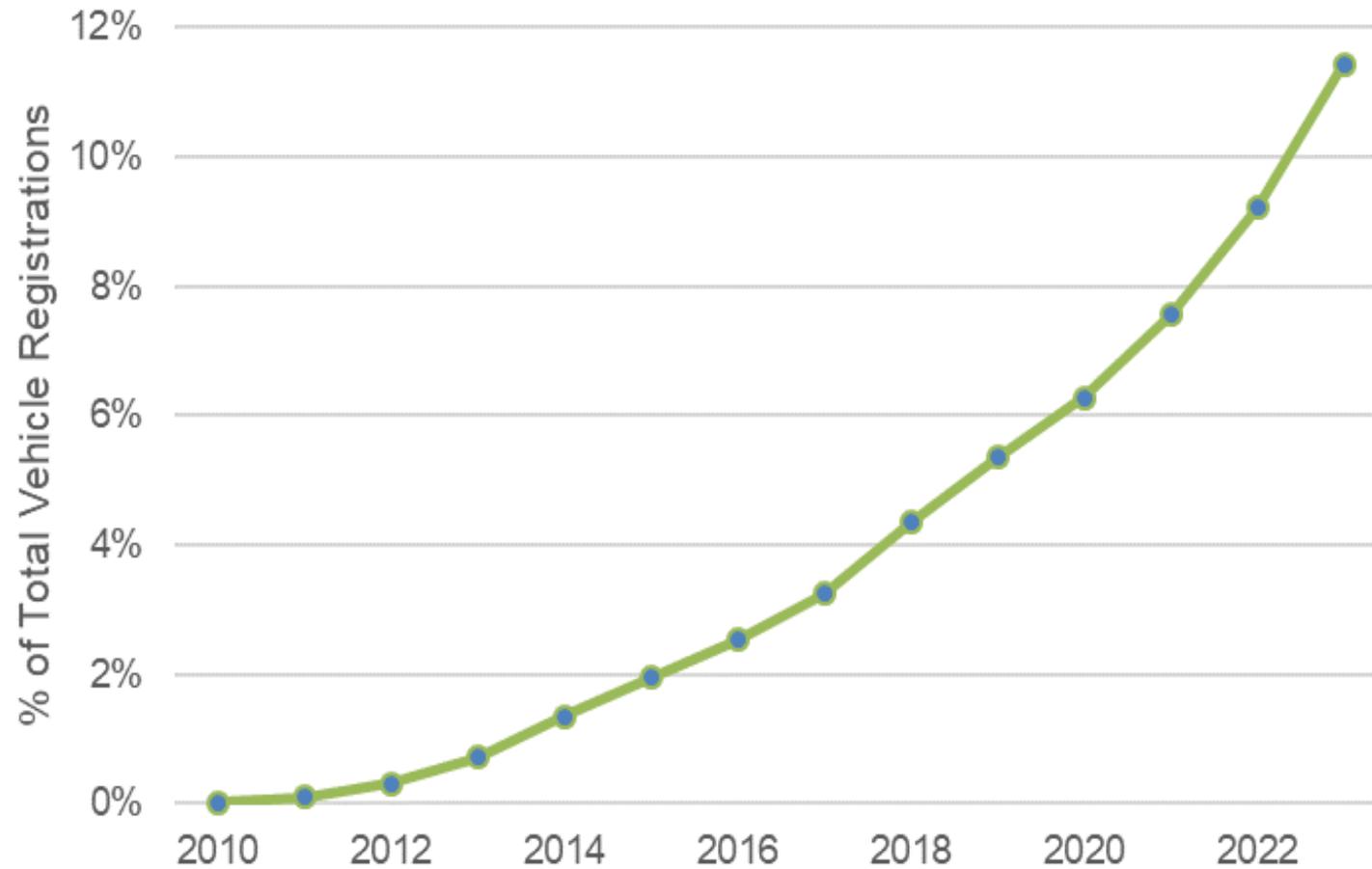


For most errands that I used to drive to, I now ride my e-bike. – Sherry

Clean Vehicle Adoption Rate by Year



% of All-Electric, Plug-in Hybrid & Fuel Cell Vehicles



Municipal Fleet Electrification



Electric Vehicle Type	Number in Fleet
Sedan	34
Pick Up Truck	10
SUV	8
Low-speed Utility Vehicle	5
Three-wheeled Scooter	2
Electric Bicycle	10
Total	69



Municipal Fleet Electrification



Electric Equipment Type	Number in Fleet
Tractor	1
Forklift	1
Lift	2
Electric Harbor Boat	1
<i>Total</i>	5



Monarch MK-V electric tractor



Vita Power Seal electric boat

Waste



Senate Bill 1383: Reducing organics in landfills



Berkeley's progress

- 153 restaurants & grocery stores donate excess edible food
- 8 food recovery organizations
- 425,286 pounds of edible food was recovered by food recovery organizations (2023)



CA Climate Action Corp Fellow providing waste sorting signage to local business owner

Foodware & Litter Reduction Ordinance



CA Climate Action Corp Fellow signing up local business owner for funding to transition from disposable foodware to reusables

Community Engagement



Climate Equity Fund: Community Engagement



*Chef Camille
demonstrating
induction
cooking at
Climate Equity
funded
Healthy Black
Families
Induction
Giveaway*

2024 East Bay Green Home Tours



OESD staff greet visitors at a Berkeley home



Berkeley Climate Action Coalition volunteer and OESD staff offer resources

2024 Ride Electric



I just got an e-bike last year and love it. I'll admit I was skeptical until I tried one at the Ride Electric event and was surprised by how fun they are! - Resident

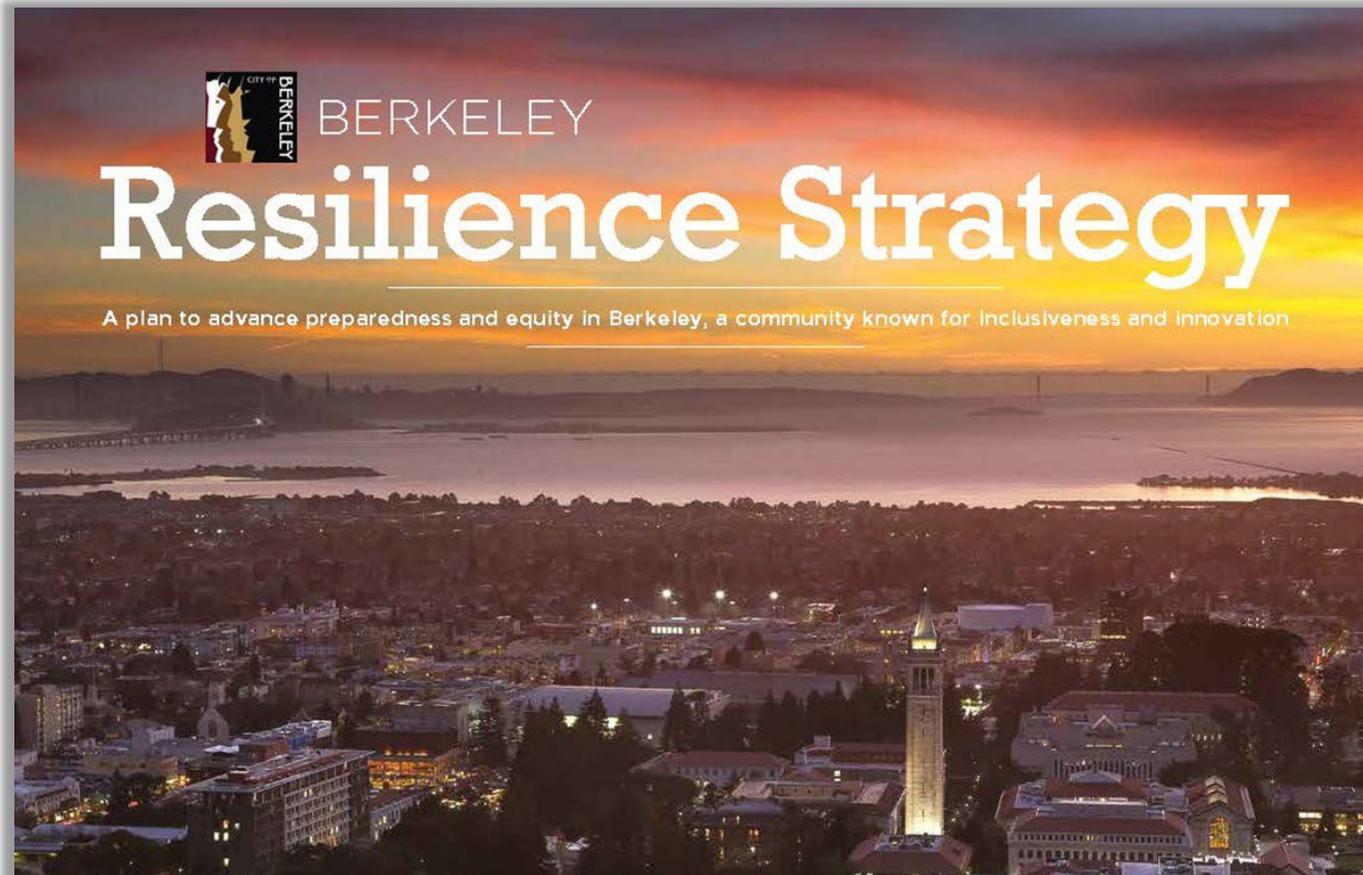
Families test riding electric bikes at Ride Electric

Business Outreach



- 141 Berkeley businesses enrolled
- 79 Berkeley businesses have achieved statewide recognized green business certification

Adaption & Resilience



Goals:

1. Build a connected and prepared community
2. Accelerate access to reliable and clean energy
3. Adapt to the changing climate
4. Advance racial equity
5. Excel at working together within City government to better serve the community
6. Build regional resilience

Prepared, Safe & Healthy Berkeley Project

The General Plan

Environmental Justice Element



Safety Element



*We need
your help to
create a
safe,
healthy and
resilient
Berkeley for
everyone!*

Prepared, Safe & Healthy Berkeley Project



Environmental Justice Element



Reduce Pollution Exposure



Promote Transparency & Engagement in Public Decision-Making



Promote Physical Activity



Promote Equitable Access to:

Healthy Food



Safe & Sanitary Homes



Public Facilities

Community Partner:



ecology center



Pollinator Gardens



Volunteers installing the pollinator garden at San Pablo Park in 2021



Thriving pollinator garden at San Pablo Park today

Tree Canopy Equity – 11/8/24 Aquatic Park





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● **Our Climate Future**

Climate Funding



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Los Angeles Times

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Analysis: As Trump slashes climate action, can states and cities pick up the slack?

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CLIMATE

Trump administration cancels clean energy grants as it prioritizes fossil fuels

Preparing for our Climate Future



Thank You!



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