



City of
**Mountain
View**

Decarbonization Goal Analysis Results

Danielle Lee, Chief Sustainability and Resiliency Officer
Rebecca Lucky, Sustainability Manager



Council Direction:

Evaluate acceleration of carbon neutrality goal and assess impact of federal, state, regional and local actions on emissions.



Purpose of the Analysis:



Project future emissions



Evaluate impacts of federal, state, regional and local actions



Identify effective local strategies



Inform development of
Five-Year Decarbonization Plan



Date

CSC Action



June 26, 2025



Reviewed assumptions and local actions for modeling; requested growth assumptions and additional analysis.



November 6, 2025



Reviewed updated forecasts and approved additional local actions for modeling.



December 1, 2025



Reviewed draft local actions for inclusion in Five-Year Decarbonization Plan.



April 30, 2026



Reviewed draft Five-Year Decarbonization Plan priorities and recommended actions.

Three Future Pathways Evaluated



Business-As-Usual (BAU)

- No climate policies or emissions-reduction actions
- Emissions increase **13%** by 2045



Adjusted Business-As-Usual (ABAU)

- Includes existing regional and state policies
- Reduces emissions **59%** below BAU



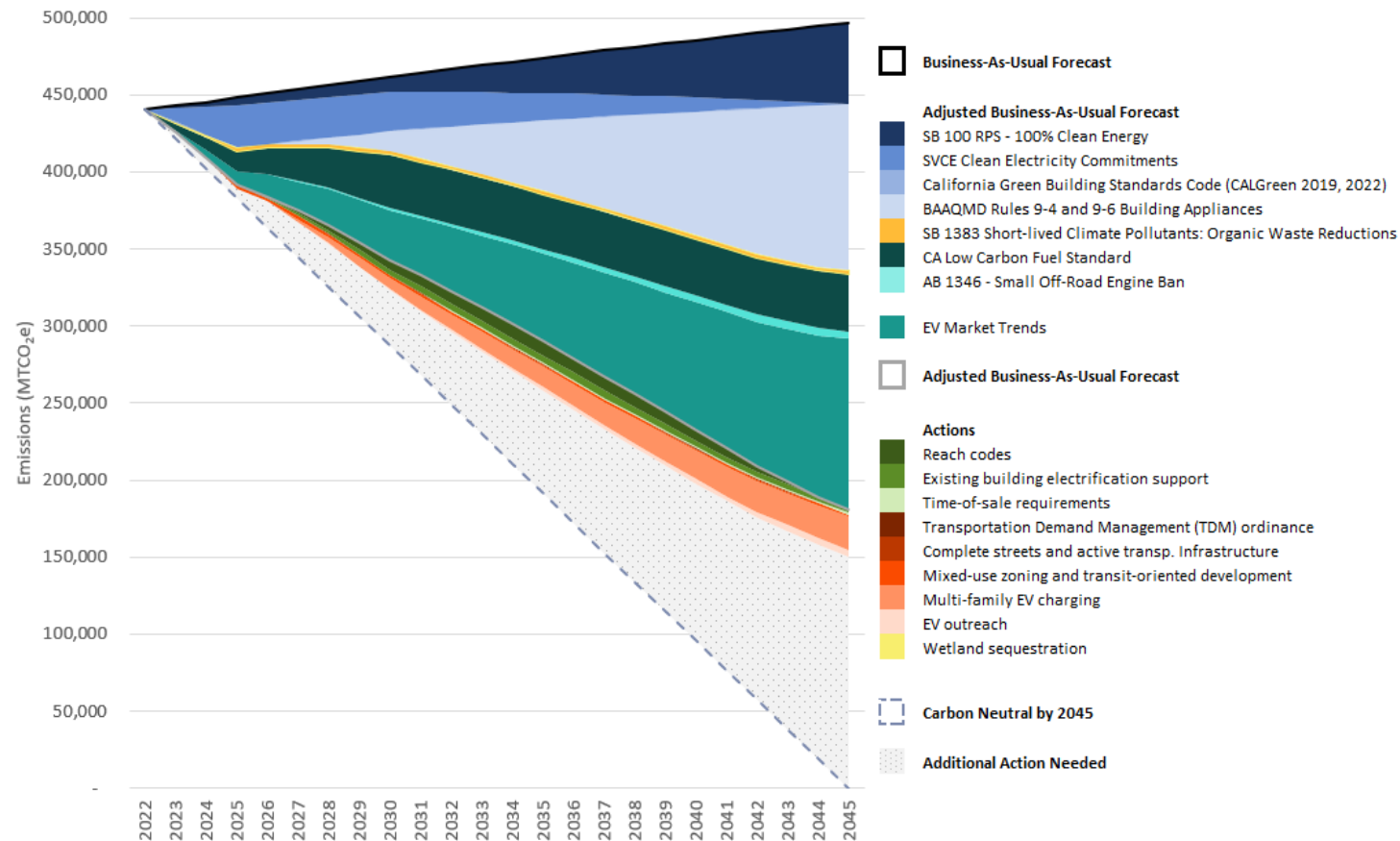
Local Action Scenario

- Adds nine local emissions-reduction measures
- Reduces emissions **7%** below BAU



Key Takeaway

- Substantial emissions gap
- All modeled actions combined show **66%** reduction in emissions



What Drives Emission Reductions






Observation

- Most reductions come from policies and market transformation **outside direct City control.**
- Regional regulations and market changes lead to **most substantial emissions reductions.**



Action

Emissions Reduction (Metric Tons)

	EV market trends	110,358
	Bay Area Air District Rules 9-4 & 9-6	107,476
	SB 100 Renewable Portfolio Standard	52,753
	Low Carbon Fuel Standard	37,133



of projected emissions reductions come from **regional regulations and market changes.**

Building Electrification Remains Essential



Natural gas in buildings
still major source of emissions



Regional regulations will
accelerate electrification



92% reduction in building
emissions by 2045





Recommended approaches

- ✓ Reach Codes
- ✓ Electrification outreach and education
- ✓ Incentive programs
- ✓ Permitting assistance



Additional actions

- Time-of-sale electrification requirements
 - Lower emissions reduction potential
 - High administrative complexity



Key Takeaway:

Local Actions that both complement regional efforts and reduce emissions are a high priority. It is critical to have secondary actions in light of a rapidly changing policy landscape.





The analysis modeled a scenario where Bay Area Air District Rules 9-4 and 9-6 are delayed, weakened, or rescinded.

Local Action	2045 Emissions Reduction (Metric Tons)
Existing Reach Codes (with Air District rules)	Limited additional reductions by 2045
Reach Codes without Air District regulations	30,849
Air District Gas Appliance Rules	107,746



Reach Codes would only capture **29%** of the Air District emissions reductions.



By 2045:

- Transportation will produce approximately **95,180 metric tons**
- Represents **63% of remaining emissions** in 2045



Why?

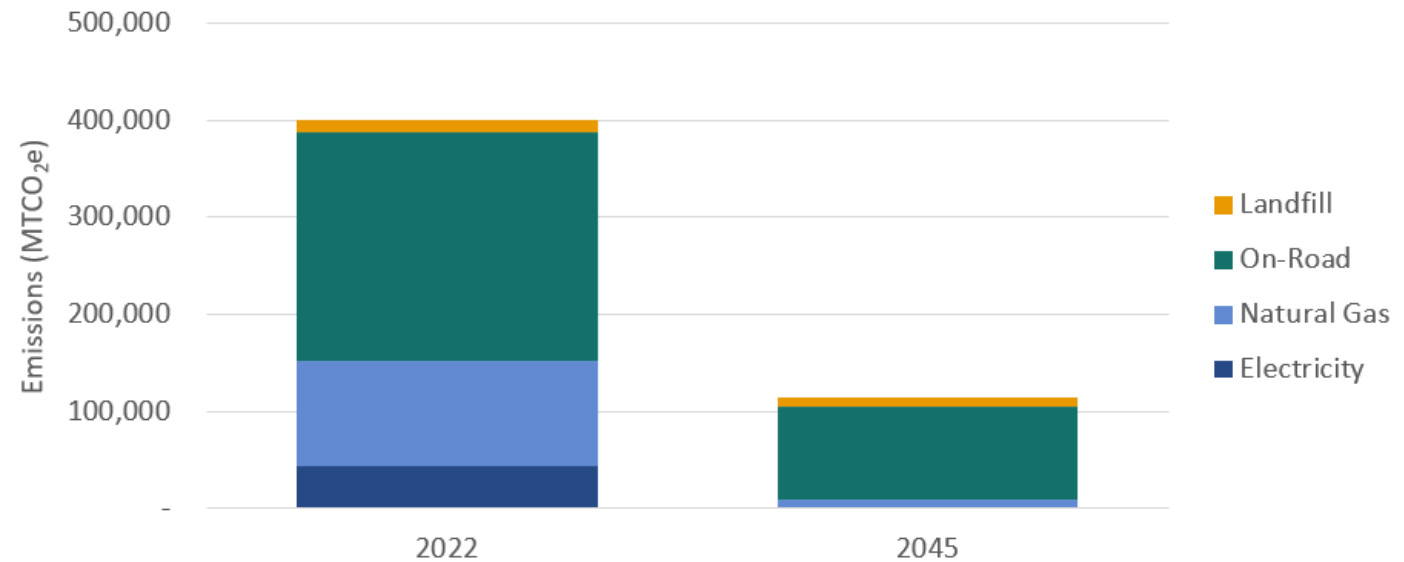
- Continued gasoline vehicle use
- Regional commuting patterns
- Uncertain EV adoption rates
- Potential reduction of incentives and regulations



Key Takeaway

Transportation electrification offers the **greatest local opportunity** for emissions reduction.

Mountain View's remaining **core** emissions in 2045









Key Takeaway

Multifamily EV charging expansion dramatically outperforms other local transportation measures.



The strongest local action is improving charging access where residents live, especially at multifamily housing.

Local Action	Reduction by 2045 (Metric Tons)
 Multifamily EV charging expansion	22,217
 EV outreach & education	4,111
 TDM strategies	190
 Active transportation improvements	173





Maintain Carbon Neutrality goal



Focus on five-year planning horizon



Adapt to changing policy landscape with menu of actions





Staff will return with the final **five-year decarbonization plan** in the fall.



Thank You





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Sustainability Action Plan 4 Progress Update

Danielle Lee, Chief Sustainability and Resiliency Officer
Lauren Anderson, Sustainability Analyst II

June 2, 2026



Environmental Sustainability Task Forces in 2008 and 2017 helped shape the City's Sustainability Action Plans.



Most recent SAP adopted **in 2019**, originally included **81 actions** and **7 new staff positions**.



Over time, the plan was refined to focus on **57 high-impact measures**.

52 of 57 (91%) actions completed or ongoing



Building electrification

- Reach codes
- Electrification policies
- Electrified municipal facilities



Clean transportation

- EV charging
- Fleet Electrification Plan and policy
- Vision Zero Policy



Incentives & funding

- E-Bike rebates
- Heat pump water heater rebates
- Secured \$30M in grants



Outreach programs

- Electrify MV
- Year of the Water Heater campaigns
- Cool Block program
- Plant-based diet and heat resilience



Partnerships & innovation

- SVCE, Google, and Canopy
- Transportation management association coordination
- Tested electric equipment and vehicles



Data & Reporting

- GHG inventories and reporting
- CDP (formerly Carbon Disclosure Project)



5 actions (9%) underway

Most anticipated to be completed by the end of 2026



Urban Forest Plan

Council adoption anticipated in June 2026.



Climate Vulnerability and Resilience Plan

The draft vulnerability assessment presented to CSC in December 2025 is currently being updated.



Decarbonization Planning

A final five-year community decarbonization plan is expected for Council adoption in 2026–2027.

Municipal decarbonization efforts are also underway, including various building and fleet projects.




E-Scooter Share Pilot

Expected to launch in fall 2026.



Transportation Demand Management (TDM)

The citywide TDM ordinance was adopted in May 2026.

 **\$3.86M**

Sustainability Fund Balance



 **~\$2M**

Available for near-term, high-impact
decarbonization initiatives

Recommended Uses for Balance



Heat Pump Water Heater Rebates

\$500,000

Adder rebates to support compliance with upcoming Air District rules.



EV Charging for Multi-Family Housing

\$500,000

Adder rebates for EV charging at apartments and condominiums.



Community Shuttle Program

\$200,000

Support continuation of existing Mountain View Community Shuttle service.



City Fleet EV Charging

\$300,000




Infrastructure to maintain compliance with the City's Greenhouse Gas Free Fleet Policy .

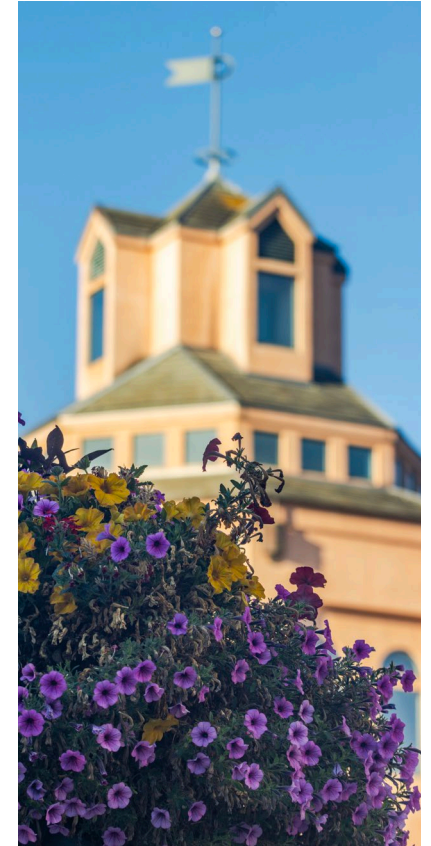


Municipal Solar and Battery Energy Storage Project Delivery Support

\$300K–\$500K

Supports various soft costs for solar installation at City Hall, the Library, and the Rengstorff Park Aquatics Center.

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- 1 Complete remaining actions
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- 2 Anticipated SAP closeout by July 2027
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- 3 Redirect remaining funds to Five-Year Community Decarbonization Plan actions





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Thank you!