# Update on Mayors' Commission on Climate Change Recommendations

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# Mayors' Commission on Climate Change

https://www.lgc.org/climatecommission/



### Electrification of New Construction

Mandate all-electric construction to eliminate fossil-fuel use in new low-rise\* buildings by 2023 and all buildings by 2026\*\*

- \*Low-rise defined as under 4 stories.
- \*\*Provided that the costs to go all-electric are costeffective including the incremental costs of electrical infrastructure upgrades and the technology has shown to be feasible.



### Electrification of Existing Buildings

Transition 25% of existing residential and small commercial buildings to all electric by 2030.



### Active Transportation

Expand and enhance accessibility to low-stress, connected infrastructure for walking and rolling, prioritizing improvements that address specific community and neighborhood needs so that:

- 30% of all trips are by active transportation by 2030.
- 40% by active transportation by 2045.



#### Transit & Shared Mobility

Expand and improve transit and shared mobility services to be more accessible, affordable, timely and attractive than singleoccupancy-vehicle use so that:

- 30% of all trips are by transit and pooled shared mobility by 2030.
- 50% by transit and pooled shared mobility by 2045.



#### Zero-Emission Vehicles

Develop a comprehensive package of incentives, disincentives and policies to encourage the adoption of zeroemission vehicles (ZEVs) so that:

- 70% of new vehicle registrations will be for ZEVs by 2030.
- All public, private and shared fleets fully electrified by 2045.

Mayors' Commission on Climate Change

# Achieving Carbon Zero in Sacramento and West Sacramento by 2045



### Urban Greening and Forestry

Expand green infrastructure to ensure that all neighborhoods, starting with historically marginalized communities and tree-deficient neighborhoods, have:

- Access to green space within a quarter-mile by 2030.
- A baseline canopy of 25% by 2030, and 35% by 2045.



### Sustainable Food Systems

Increase food security and access to healthy, affordable food for all communities, while supporting a regenerative food system by:

- o Sourcing 25% of food locally within a 200-mile radius by 2030, and 40% by 2045.
- Reducing 50% of aggregate food waste by 2025, and 75% by 2030.



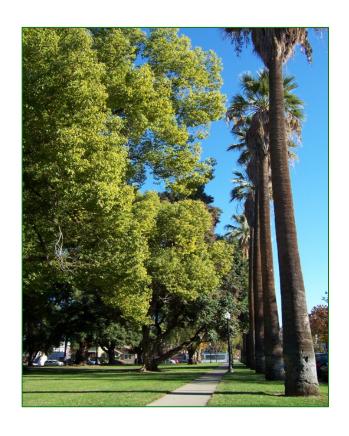
#### Community Climate Resilience

Identify climate vulnerabilities and adaptation strategies as part of the climate action plan or general plan updates by 2022. Develop and implement preparedness measures, with a priority focus initially on increasing the resilience of communities most vulnerable to climate-change impacts by investing in existing community assets and networks to increase community adaptive capacity.

# I. Priority Efforts Motion No. 2020-0226

### **Complete or in process:**

Task				
1	Designated City staff lead			
2	All-electric ordinance for new construction			
3	Electric vehicle code standards			
4	RT transit support			
5	Environmental Justice Governing Board launch			
6	Urban Forestry Master Plan schedule			
\$920,000 committed				





# Early Accomplishments

- 1. Interim staff lead designated
- 2. All-electric ordinance in process
  - 9/29 Law and Legislation Committee
  - 11/12 Planning & Design Commission
  - More committee & council meetings in late 2020 – early 2021
  - Outreach ongoing
  - Webpage launched
- 3. EV standards in process with #2
- 4. SacRT RYDEFREE year 2 support
- 5. Environmental Justice Collaborative Governance Committee prep for launch in process
- 6. Urban Forestry Master Plan public draft in January 2021





# II. Priority Efforts

Motion No. 2020-0226

No committed funding, analysis in process:\*

Task				
1	Slow Streets			
2	Retrofits to gas infrastructure over the next decade			
3	Green jobs strategy			
4	Multilingual access			
Minimum estimated gap: \$750,0000 - \$1,261,000*				





Top photo: Aggie Square Launch (April 2018) Bottom photo: Construction on R Street (2018) Mayor's Office of Civic Engagement

# Slow Streets Options

~\$250,000 - \$736,000 with a partnership approach

Duration	Miles of Roadway Closed	Cost
6	8	\$243,900*
months	20	\$475,260
4	8	\$389,680
1 year	20	\$736,480

<sup>\*</sup>Material/equipment cost of ~\$100,000.





15-Minute Neighborhoods by Slow Active Streets

### III. Additional Year 1 Commission Projects

Task				
1	Define marginalized populations			
2	State advocacy			
3	Food recovery			
4	Internal telecommuting policy			
5	Policy prioritization of bicycle and pedestrian travel			
6	Neighborhood-level active transportation audit			
7	Zero-emission vehicle car share			
8	Car-free districts			
9	Community Emergency Response Training Program expansion			
10	Green space audit & improvements			

Estimated minimum gap: \$14,916,000 - \$15,402,000\* for <u>all</u> unfunded projects (I – III)





Bottom photo credit: Planting Justice, 2020 https://plantingjustice.org/

### Issues

Topic	12/19/19 Climate Emergency Declaration	Climate Commission Year 1 Projects	Climate Commission Strategies & Actions	8/25/20 Council Motion 2020-0226	Green Efforts Audit*	Climate Action Plan
Organizational/ administrative						
Fiscal						
Transportation						
Electrification						
Environmental justice						
Green jobs						
Urban forestry & urban cooling						
Food systems						
Climate adaptation						

<sup>\*</sup>Green Efforts Audit: presentation to City Council anticipated 12/8

### Year 1 Work Plan

2021 Climate Implementation Work Plan

- Staffing & resources
- Communications plan
- Priority projects, programs, and services, including
  - Environmental Justice Collaborative Governance Committee
  - Electrification ordinance



# Year 1 Work Plan Prioritization Criteria

Carbon reductions

Funding & resource availability

Equity & just transition

Partnerships & community support

Impact & outcomes

Cost-benefit

Resiliency

Internal resource gaps & capacity

Early wins

## **Next Steps**

12/8 City Council meeting (anticipated):

- -2021 Climate Implementation Work Plan
- -Green Efforts Audit

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