

Update on Mayors' Commission on Climate Change Recommendations

November 10, 2020

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Mayors' Commission on Climate Change

(MCCC)

<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 cost-effective 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 single-occupancy-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 zero-emission 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:

- 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:
\$750,000 - \$1,261,000***



**Costs are preliminary estimates*

*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 months	8	\$243,900*
	20	\$475,260
1 year	8	\$389,680
	20	\$736,480

**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/>

**Costs are preliminary estimates*

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						

**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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