

Summary Table Staff Analysis of ESTF-2 Recommendations

This document is a summary of staff analysis of the 36 Environmental Sustainability Task Force 2 recommendations. Following is an explanation of the information in each column:

- **Support (Y/N/M):** This column indicates a high-level assessment of staff support for the measure, with options of Yes (Y), which indicates staff is supportive of the measure given sufficient staff time and financial resources to implement, No (N), which indicates staff does not support the measure for the reasons outlined in the Council report, or Maybe (M), which indicates staff supports some but not all components of the recommendation or that support is contingent on other factors.
- **MT CO₂e Reduction 2018-2030:** This column indicates whether staff analysis resulted in higher or lower expected GHG emissions reductions than indicated in the ESTF-2 report. This number is the sum of the expected annual reductions in GHG emissions (compared to a business-as-usual forecast) through 2030 if the recommended measures are implemented. See table below for explanation of scale.
- **City's Net Cost:** This column indicates whether staff analysis resulted in a higher or lower expected net cost to the City of Mountain View. See table below for explanation of scale.
- **Incremental Net Cost:** This column indicates whether staff analysis resulted in higher or lower expected costs to residents and businesses from **new** taxes, fees, or new building code requirements. See table below for explanation of scale.
- **City Staff Time:** An estimate of the additional City staff time required to implement the measure - low, medium, or high.

The following scale is used to denote changes from the values in the original ESTF-2 report based on staff analysis:

↑↑	Significantly higher estimated GHG emission reductions or costs than in ESTF-2 report
↑	Somewhat higher estimated GHG emission reductions or costs than in ESTF-2 report
No change	No change from values in ESTF-2 report
↓	Somewhat lower estimated GHG emissions reductions or costs than in ESTF-2 report
↓↓	Significantly lower estimated GHG emissions reductions or costs than in ESTF-2 report
?	Unknown at this time – staff anticipates difference in values but cannot complete calculations

ESTF-2 Recommendation	Support (Y/N/M)	MT CO_{2e} Reduction 2018-2030	City's Net Cost	Incremental Net Cost	City Staff Time	Next Step
TRANSPORTATION						
Revolutionize transportation in Mountain View (T1)	Y	No change	No change	No change	High	Waiting on completion of Comprehensive Modal Plan to determine future actions
Solve the local solo-trip problem: pilot discounted pooled ridesharing (T4B)	N	↓↓	↑	No change	Medium	Do not pursue
Solve the local solo-trip problem: MV Shuttle 2.0 and 3.0 (T4A)	Y	↓↓	↑↑	↑	High	Waiting on completion of Comprehensive Modal Plan to determine future actions
Restrict parking to encourage and fund alternative modes (T6)	Y	?	?	?	?	Waiting on completion of Downtown Paid Parking Study. Staff did not evaluate T6 due to pending study.
Support bicycling as a primary mode of transportation (T5)	Y	↓↓	↑↑	No change	High	Many projects currently underway, analyze for possible additional action
Expand EV charging infrastructure on public property and right-of-ways (T3)	Y	↓	↑↑	No change	Medium/High	Possible early action (FY 18-19)
Expand transportation demand management (TDM) to all of Mountain View (T7)	Y	↓	↓↓	?	Medium	Possible future action - analyze for potential inclusion in ESAP-4
Implement group-buy programs to expand personal EV adoption (T2)	Y	↓↓	No change	No change	Low	Possible future action - discuss with relevant parties
BUILDINGS AND LAND USE						
Adopt a decarbonization policy for buildings (B1)	Y	No change	↓↓	No change	Low	Possible early action (FY-18)
Create financial and non-financial incentives for new above-code buildings (BN3)	Y	↓↓	↓↓	No change	Low	Further study needed
Update green building code to move towards low-carbon buildings (BN1)	Y	No change	↓↓	↓↓	Low	Further study needed
Measure effectiveness of housing near transit (BN8)	M	?	No change	No change	Medium	Waiting on results of staff efforts to determine appropriate VMT thresholds for CEQA compliance (2019-2020)

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Incentivize switching residential HVAC and water heaters from natural gas to electricity (BE1)	Y	↓↓	No change	No change	Low	Possible future action - analyze for potential inclusion in ESAP-4
Encourage installation of EV chargers in existing multi-unit dwellings (BE7)	Y	↓	↑	No change	Medium	Possible future action - analyze for potential inclusion in ESAP-4
Adopt a revenue-neutral differential utility tax encouraging low-carbon energy use (BE9)	N	↓	↑↑	No change	Low	Do not pursue
Increase efficiency of existing buildings through voluntary programs & city ordinances (BE4)	M	↓↓	↑↑	↑↑	High	Further study needed
Use city buildings to demonstrate leadership in electrification and energy efficiency (BE12)	Y	↑	↓	No change	High	Possible future action - analyze for potential inclusion in ESAP-4
Require LEED Platinum for city-owned new construction or major renovation (BN6)	Y	↓↓	↓↓	No change	Low	Possible future action - analyze for potential inclusion in ESAP-4
Reduce embodied carbon in building construction and maintenance (BN4)	M	No change	↓	No change	High	Further study needed
Enliven Mountain View with native plants and oak trees (BT1)	M	↑	No change	No change	Medium	Further study needed
CIRCULAR ECONOMY						
Adopt a consumption-based emissions inventory for Mountain View's GHG accounting (W16)	M	↓↓	↓↓	No change	High	Staff recommends utilizing existing CBEI resources to support programs
Adopt a citywide ban on single-use disposable plastic foodware (W9)	Y	↓↓	No change	No change	Medium	Possible future action - analyze for potential inclusion in ESAP-4
Implement a sustainable landscaping program in Mountain View (W12)	M	↓↓	No change	No change	Low	Further study needed
Partner with Palo Alto to install anaerobic digesters to produce clean energy (W15)	N	↓↓	↑↑	↑	Low	Do not pursue

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Lead collaboration among Bay Area cities to develop a solution to overseas recycling crisis (W1)	N	No change	↓↓	No change	Low	These actions are being taken at the State level
Pass a resolution to support "Green Monday" (W2)	Y	↓↓	↑	No change	Medium	Possible future action - analyze for potential inclusion in ESAP-4
Expand Mountain View's composting program to all residential and commercial properties (W5)	Y	↓↓	?	No change	Low	Currently underway
OUTREACH, REGIONAL COLLABORATION, AND ADVOCACY						
Create a new Sustainability Office for Mountain View (O1)	Y	No change	↓↓	No change	N/A	Waiting on Environmental Sustainability Program Assessment and Strategic Plan recommendations
Implement a community and business outreach initiative (O2A)	Y	No change	No change	No change	High	Possible future action - analyze for potential inclusion in ESAP-4
Provide community engagement tools to facilitate household-level GHG reductions (O2B)	Y	No change	No change	No change	High	Possible future action - analyze for potential inclusion in ESAP-4
Conduct annual summit to review and track county, state, and federal sustainability actions (O3)	M	No change	No change	No change	Medium	Further study needed
MEASUREMENT AND METRICS						
Manage Mountain View's emissions budget as carefully as its financial budget (M1)	M	↑↑	↓	↓	Low	Further study needed
Set GHG reduction targets according to per capita goals based on service population (M2)	M	No change	↑↑	↑↑	Low	Further study needed
Set annual GHG reduction targets for Mountain View that decline by a constant percentage (M13)	M	No change	↓↓	No change	Low	Further study needed
Eliminate emissions associated with Direct Access electricity by 2025 (M4)	M	↓↓	No change	No change	Medium	Further study needed
Implement a knowledge resource for electrification and other sustainability actions (M10)	Y	No change	No change	No change	Low	Possible future action - discuss with relevant parties