

1. What are you trying to achieve with this action?

4 responses

Improving equitable access to light-duty electric vehicle (EV) and E-mobility in equity-seeking/deserving groups and low- and moderate-income (LMI) communities.

Lower financial barriers to EV ownership.

Prioritize access to charging infrastructure for EV and E-mobility devices

Conduct outreach and education to reach equity-seeking/deserving groups and LMI communities and increase EV and E-mobility adoption



1



2. Who has traditionally participated in/benefitted from this action?

2 responses

Predominantly white, middle-high-income communities

Households that have access to charging at home

3. What groups are most in need of this action (EV and E-mobility Strategy)?

4 responses

Vulnerable communities, especially those vulnerable to air pollution and/or experiencing car ownership as a serious financial burden

Vulnerable communities, especially those vulnerable to air pollution and/or experiencing car ownership as a serious financial burden

Communities with poor public transportation options and harder-to-access arterial roads (missing last mile)

Suburban youth (for E-mobility)

4. What has prevented these groups from participating in the past?

5 responses

Up-front capital costs

Lack of charging options (Range anxiety)

Lack of experience and safety concerns with E-mobility devices

Lack of dedicated safe places for E-mobility and AT

Lack of experience with EV

5. What actions can address barriers for those most in need?

9 responses

Identifying equity-seeking/deserving groups and LMI communities and Community-Based Needs Assessment

Map out neighbourhoods within 3-5 km distance from good public transit routes and the LIM communities within those areas – prioritize those for E-mobility

prioritized human-centered design approach to public engagement

Prioritize the installation of public EV charging stations in neighborhoods with multi-family residences, where residents may not have access to home charging.

Implement electric car-sharing programs in diverse neighborhoods, especially those with limited access to personal vehicles

Ensure electric public transit options (e-buses, e-trams) serve marginalized communities and improve overall transit access

Amend parking requirements/GDS to require new multi-family residential and commercial buildings to be EV-ready with the necessary infrastructure for charging stations.

Allow and encourage the conversion of existing parking spaces (in malls, theaters, community centers) into EV charging hubs

Transportation incentives (parking) for EV



1



6. What are the negative equity implications to keep in mind? Are there any measures that can help to prevent that harm proactively?

8 responses

Disability groups are raising the issue of hearing EV and E-mobility

Are municipalities converting parking lots to EV charging stations the best use of that land from an equity and climate mitigation point of view?

tire friction from EVs releases even more particulate matter and micro-plastic pollution than equivalent standard cars which already has a disproportionate impact on LIM communities and BIPOC

Incentivizing the use of personal vehicles

Expanses of asphalt and concrete roads and parking lots also increase stormwater runoff and flooding and use up a lot of land.

Many people cannot drive due to age or disability.

If cities require private landlords to provide charging stations in new/existing developments, does that cost increase get passed on to renters and home owners and how does that impact equity outcome?

tire friction from EVs releases even more particulate matter and micro-plastic pollution than equivalent standard cars which already has a disproportionate impact on LIM communities and BIPOC



1



7. Who hasn't yet been engaged that would be good to engage? Why would they be good to engage? What may limit their engagement interest/ability?

6 responses

Prioritize equity-seeking communities through continual consultation and engagement

Food delivery workers

Who's included? What consultation formats are being used?

Larger fleets within jurisdiction

Disability groups

Uber/Lyft/Taxis



1



8. What action item has given you a clearer sense of what leavers are available for you to advance equity in EV and E-mobility Strategies?

Waiting for responses ...

