



# City of Boulder Electric Mobility Plan

## About this Plan

This Electric Mobility Plan was developed through a year-long partnership between the City of Boulder and Xcel Energy to identify and operationalize strategies that support a fully integrated zero emissions mobility network in Boulder. The plan builds on existing policy and a history of leadership on electric mobility in Boulder, to reinforce the city and Xcel Energy’s commitment to partner on strategic initiatives over the next two years and beyond.

The plan was developed within the context of Boulder and Xcel Energy’s 2020 Energy Partnership Agreement and Xcel Energy’s 2021-2023 Transportation Electrification Plan to identify opportunities for collaboration on initiatives that further Boulder’s priorities.

## Boulder’s Electric Mobility Goals

The focus of this plan is intentionally broader than electric vehicles alone, as the city is also focused on electrifying transit vehicles and micromobility options. The strategies included in the plan are grounded in Boulder’s overarching climate action and transportation plan goals:

### Climate Action Plan (2021 Update)

- 70% community-wide emissions reduction by 2030 against a 2018 baseline
- Become a net zero emissions city by 2035
- Become a carbon-positive city by 2040

### Transportation Master Plan (2019)

- Create a safe, accessible, and sustainable multimodal transportation system that connects people with each other and where they want to go.

The GoEV City resolution established by the city in 2020 established a community-wide vehicle electrification goal for Boulder:

### Electric Vehicle Adoption Goal

- 30% of all vehicles registered in Boulder will be zero emissions by 2030
- 29,300 registered electric vehicles in 2030

## Our Focus Areas

To achieve this vision and ambitious goal, the Electric Mobility Action Team identified the following focus areas to prioritize strategies and resources:



Lead by Example



Community Adoption






Charging Solutions



# Plan Strategies

To achieve this vision and ambitious goal, the Electric Mobility Action Team identified the following focus areas to prioritize strategies and resources:

FOCUS AREAS	STRATEGIES 2022-2024	
 <p><b>Lead by example</b></p>	<p>Municipal operations prioritize electrified mobility options for fleet and employee travel, as well as the installation of infrastructure necessary to support those operations. The fleet policy requires purchase of an electric vehicle where financially and operationally feasible.</p>	<ul style="list-style-type: none"> <li>• L-1: City Fleet Electrification &amp; EV Supply Infrastructure</li> <li>• L-2: City of Boulder Work Travel Trips</li> </ul>
 <p><b>Community Adoption</b></p>	<p>Access to electric mobility options for all Boulder residents and businesses.</p>	<ul style="list-style-type: none"> <li>• CA-1: Electric Vehicle Outreach and Communications</li> <li>• CA-2: Micromobility Incentives</li> </ul>
 <p><b>Charging Solutions</b></p>	<p>Removing barriers for charging at home, providing shared use charging hubs for fleets and EV drivers, and expanding electrified mobility charging options.</p>	<ul style="list-style-type: none"> <li>• CS-1: Regional Fleet Charging Hub</li> <li>• CS-2: Vehicle-to-Building CarShare Pilot</li> <li>• CS-3: Community Charging Hub(s)</li> <li>• CS-4: Curbside / Neighborhood Charging Policies &amp; Programs</li> <li>• CS-5: Multifamily Charging Incentives for Income-Qualified Customers.</li> </ul>

## Cross Cutting Themes

Four cross-cutting themes informed the prioritization of strategies in this plan and will guide implementation:

**Equitable:** Prioritize strategies that remove barriers to transportation electrification, particularly for disproportionately impacted communities.

**Innovative:** Prioritize innovative strategies including pilot projects, policy, and programs that realize new ways to support transportation electrification. Consider the potential to replicate and apply innovative strategies throughout Boulder and in other communities.

**Integrated:** Prioritize strategies that integrate multiple Advanced Transportation Modes and support a fully connected transportation system including first- and last-mile connections.

**Versatile:** Prioritize strategies that are flexible; incorporate opportunities to adjust based on observed results, shifting priorities, and changing conditions.



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