

ELECTRIC MOBILITY STRATEGY FOR BURLINGTON

Burlington Climate Action Plan Goals

Strategic Alignment

Mobility in Burlington

Strategy Objectives

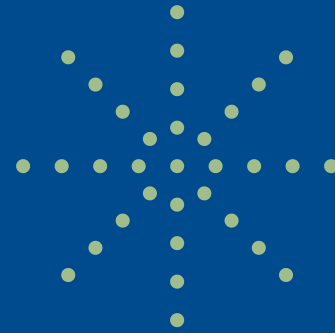
Strategy Development Process

Community & Stakeholder Engagement

Barriers & Opportunities

Action Areas

Implementation





- **Vision 2040 Strategic Plan**

"A healthier and greener city"

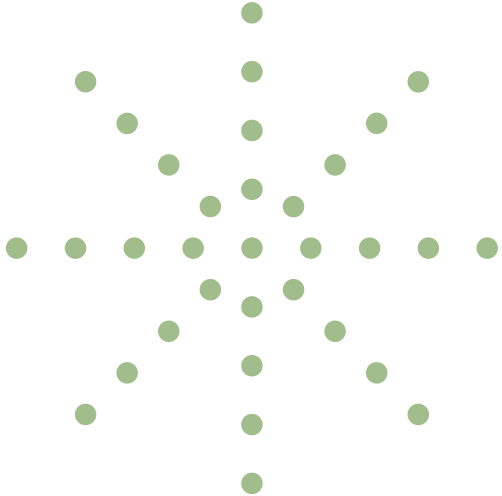
- **Climate Action Plan**


"Electric Mobility and Equipment Program"

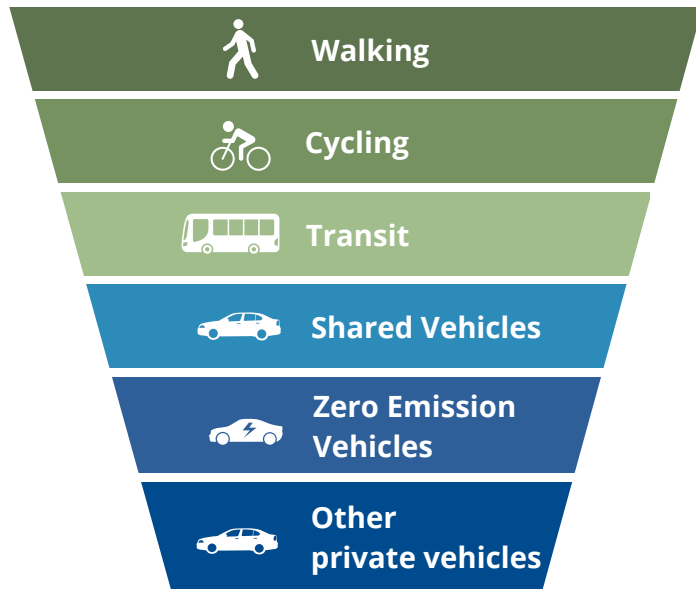
Target: 50% EVs by 2030

- **Integrated Mobility Plan**

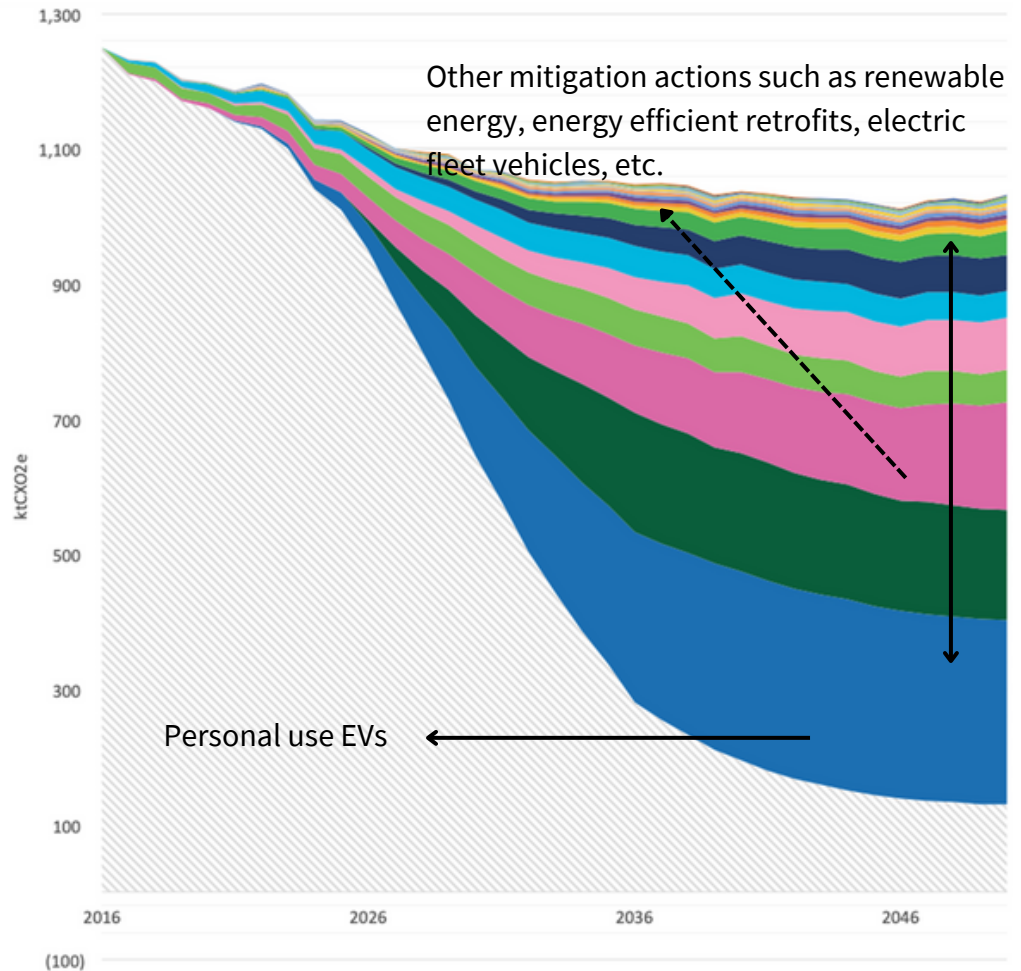
"Burlington will eliminate transportation-related carbon emissions"




 Prioritizing low to zero carbon modes of transportation to reduce emissions from the transportation sector.



Hierarchy of Modes of Transportation



Emission Reductions by Action from 2016 Baseline - Burlington



Support the Climate Action Plan’s vehicle electrification milestones of 50% of total vehicles by 2030 and 100% by 2050.

This will be achieved by:

Public and private electric charging.

Increasing awareness and support for electric mobility.

“EV supportive” policy framework.

Equitable transition to electric mobility.

STRATEGY SCOPE AND DEVELOPMENT PROCESS

In Scope	Out of Scope
Light duty personal vehicles	Transit
City fleet and equipment	Commercial vehicles
E-bikes and E-Scooters	Heavy duty vehicles



COMMUNITY AND STAKEHOLDER ENGAGEMENT

Facebook

f 108 Posts 942 Engagements 5 Ads

- Clicks: 322
- Engagements: 773
- Reached: 26,552
- Impressions: 54,293

33,350 Accounts reached

Email

10 Newsletters sent 278 Link clicks

Instagram

38 Posts 3,738 Reel views

494 Engagements 10,719 Accounts reached 30 Stories

Community Engagement

665 Community survey responses 122 Draft actions survey responses

43 Comments on draft actions

Twitter

107 Posts 19,433 Accounts reached 442 Engagements

Stakeholder Engagement

47 Stakeholders 39 Organizations

39 Interviews & Meetings

Plug N' Drive MEET

16 Days

362 Test drives

203 Appointments

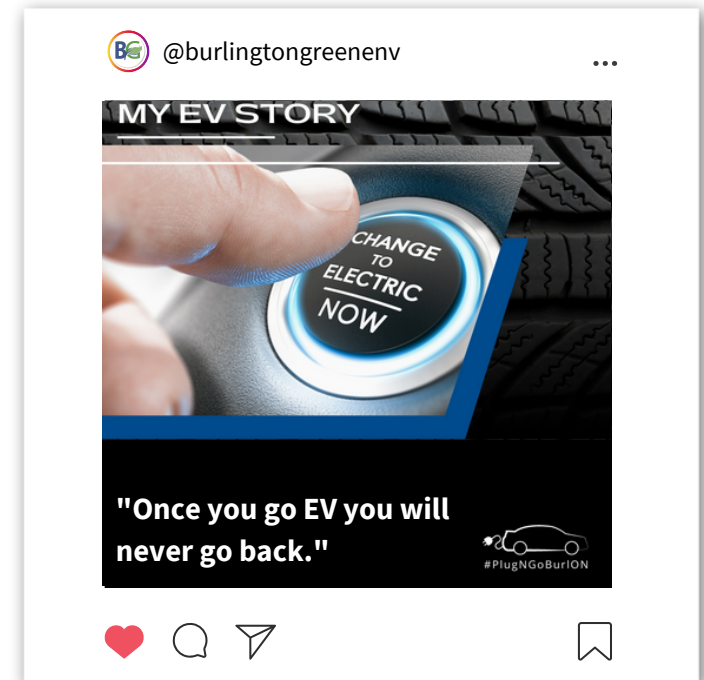
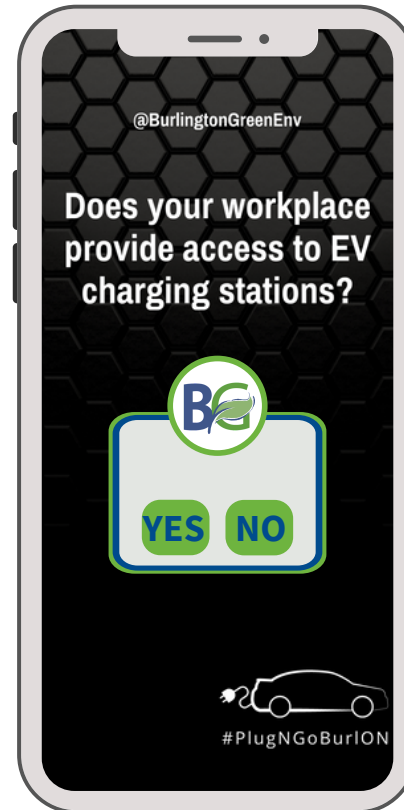
21-70 Visitors age range

128 Drop-ins

665

Survey responses

- Driving habits and needs.
- EV ownership challenges.
- Barriers to higher EV adoption.
- Accelerating EV uptake.
- Role of e-bikes and e-scooters.
- Role of government and role of residents in addressing climate change.





Limited Supply of EVs at Local Dealerships



Price of EVs



Access to Charging



Lack of Awareness



Grid Capacity





A Community Supported Climate Action Plan



An Expanding Rollout of EVs from Auto Manufacturers



Support from the Local EV Industry



A Growing Local EV Culture



Active Transportation and Modal Splits





1. Charging Infrastructure and Grid Capacity

- Residential and Workplace Charging
- Public Charging Network
- Grid Capacity

2. City Leadership

- Advocacy
- Support the Local EV and E-Micro Mobility Market
- City Fleet

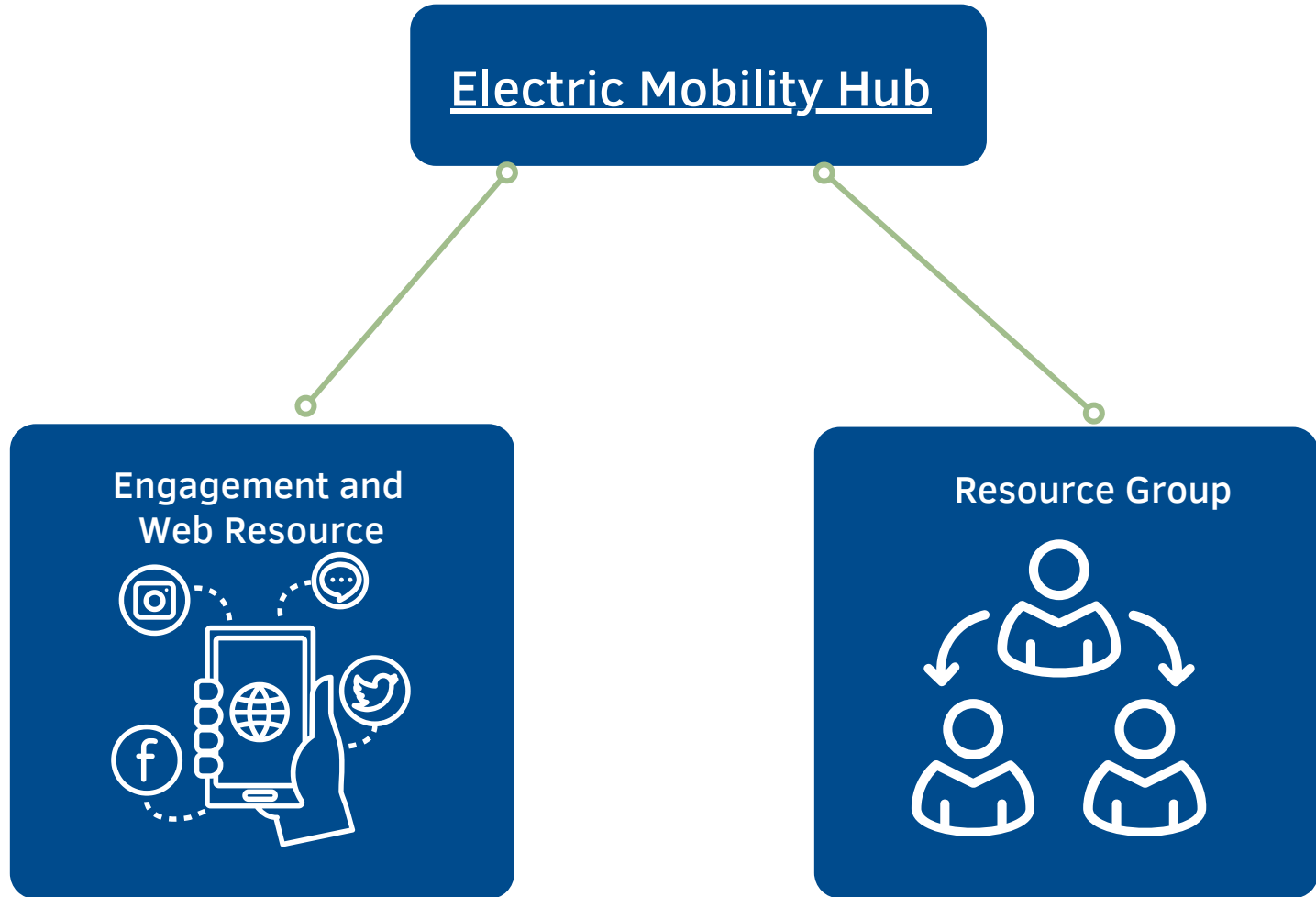
3. Education and Awareness

- Events
- Electric Mobility Hub
- Branding and Signage

4. Equity and Accessibility

- Equitable Access to Charging
- Breaking Down Barriers
- Sector Specific Engagement

Let's #PlugNGo!





Questions

