

# Zero-Emission Vehicle (ZEV) Council: Progress Report 2024

In March 2023, the ZEV Council was established to bring together expertise from across the ZEV ecosystem to identify, discuss, and work on solutions to accelerate the adoption of ZEVs in Canada

## Council Members



## ZEV Council Dashboard

- ✓ Launched August 2024 to provide quarterly updates on ZEV uptake and charger deployment across Canada



## Progress to Date

- ✓ Working groups (WG) meet frequently to deliver on their annual workplans, resulting in the following accomplishments:

### Affordability WG

- Report assessing the accessibility of affordable ZEVs for people with disabilities
- Report assessing influence of rentals and leased ZEVs on used vehicle market
- Report on MHZEV grid integration impacts on medium- and heavy-duty vehicle fleet owners
- Research project on at-home vs. public charging impacts on light-duty ZEV TCO

### Charging and Refueling WG

- Provided input on a report quantifying Canadian electric vehicle charging needs (Dunksy, 2024)
- Supported change requests for EV ready provisions in the Canadian Electrical Code
- Identified and reported on indicators to assess the status EV charging infrastructure
- Working with CSA on a technical specification for reliability uptime and reporting
- Developed a matrix to guide the MHZEV Charging infrastructure rollout in Canada

### Public and Industry Confidence WG

- Nationwide test drive campaign – led by WG member Plug’N Drive
- Pilot project on access to zero-emission mobility for marginalized urban communities
- Research project on behaviours with respect to light-duty ZEV awareness and adoption
- Case studies for diverse vehicle classes on regional differences, funding availability, and usage in diverse communities
- Created evergreen tracker of existing ZEV technician training opportunities in Canada

## New EV Infrastructure to Grid Working Group

The new EV Infrastructure-to-Grid Working Group, championed by Electro Federation Canada, Electric Mobility Canada, Electricity Canada, and NRCan, was recently established to address barriers to grid readiness and explore opportunities in grid infrastructure to accelerate the deployment of EV charging infrastructure. By focusing on technical, regulatory, and economic challenges and opportunities, the group aims to develop practical strategies that ensure the grid can support and meet the increasing demand for reliable EV charging infrastructure.