

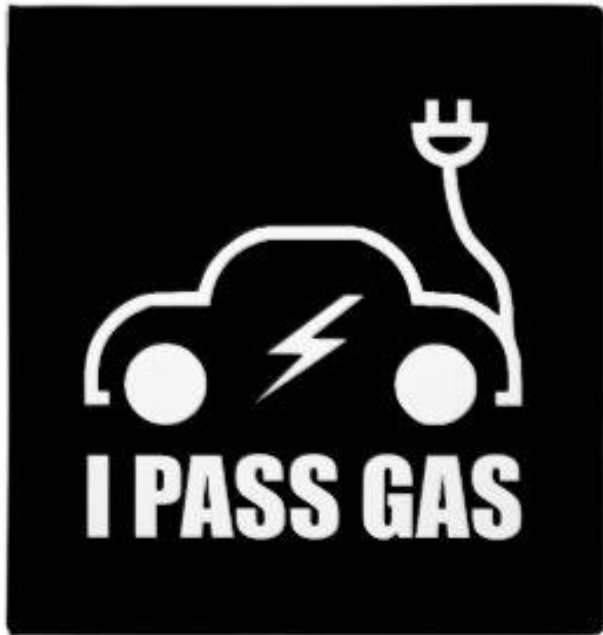


# Reducing Range Anxiety:

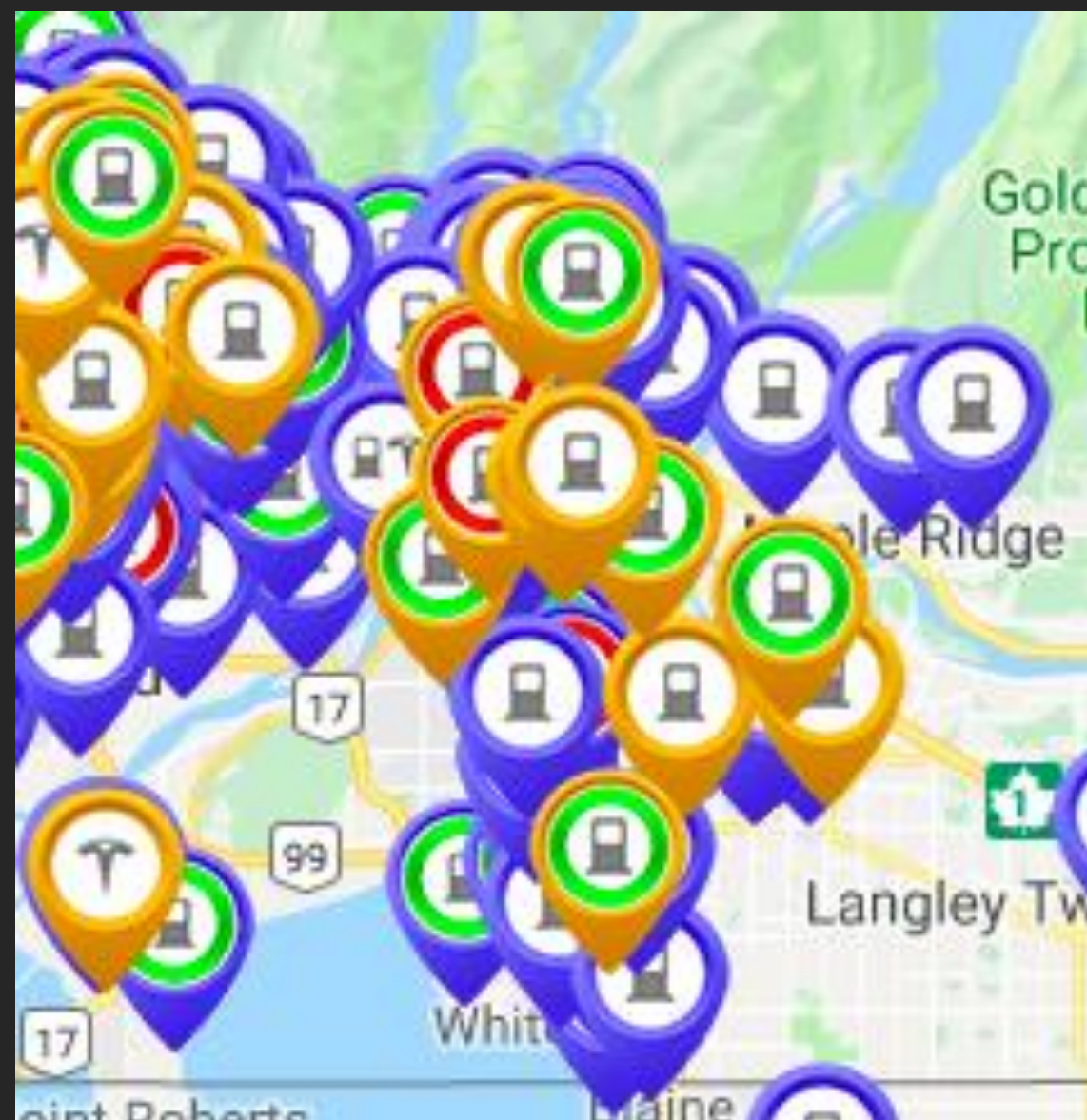
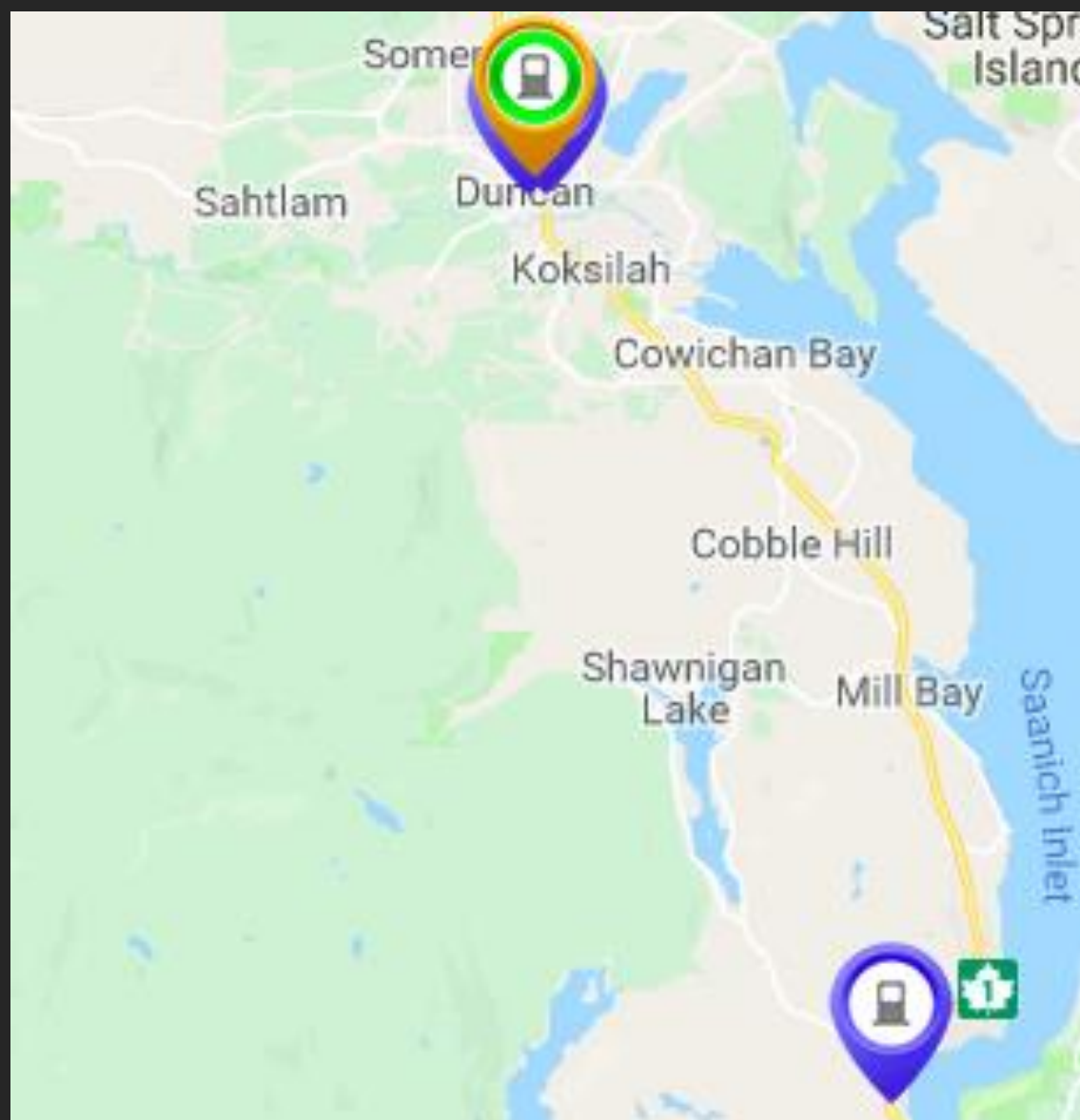
## The Role of Rural Electric Vehicle Infrastructure

By: Jordan Brietzke

# Overview



- Introduction
- Range Anxiety
- Objective & Policy Recommendations
- Affordable Housing & EV's
- Next Steps





# Range Anxiety

- The fear of one's vehicle not having enough stored energy to accommodate one's daily driving requirements
- Real vs Perceived



# Proposed OCP Objective & Policy Recommendations

1. Support the development of charging stations
2. Charging stations a minimum frequency of 25 kilometers on major roads.
3. Centrally located octopus style chargers
4. Collaborative educational outreach



# Proposed Zoning Bylaw Regulation Recommendations

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1. Accessible Level 1 charging is required in all single-family residential development.
2. Level 2 charging or higher capabilities is required in all other zones.
3. For new rezoning's the installation of charging stations is required.







- Filling a transportation gap
- EV car sharing
- Low maintenance costs

Affordable Housing & EVs

## Next Steps



- Incentivization of home charging and EVs in general
- Increase public charging infrastructure for practical and psychological reassurance
- Public education and consultation
- All levels of government



*Thank you*





# References

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