

# PROPOSAL: ELECTRIC VEHICLE AND ALTERNATIVE FUEL INFRASTRUCTURE DEPLOYMENT INITIATIVE

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PRESENTED BY ADEL ZREIN

# INITIATIVE HIGHLIGHTS & CRITERIA

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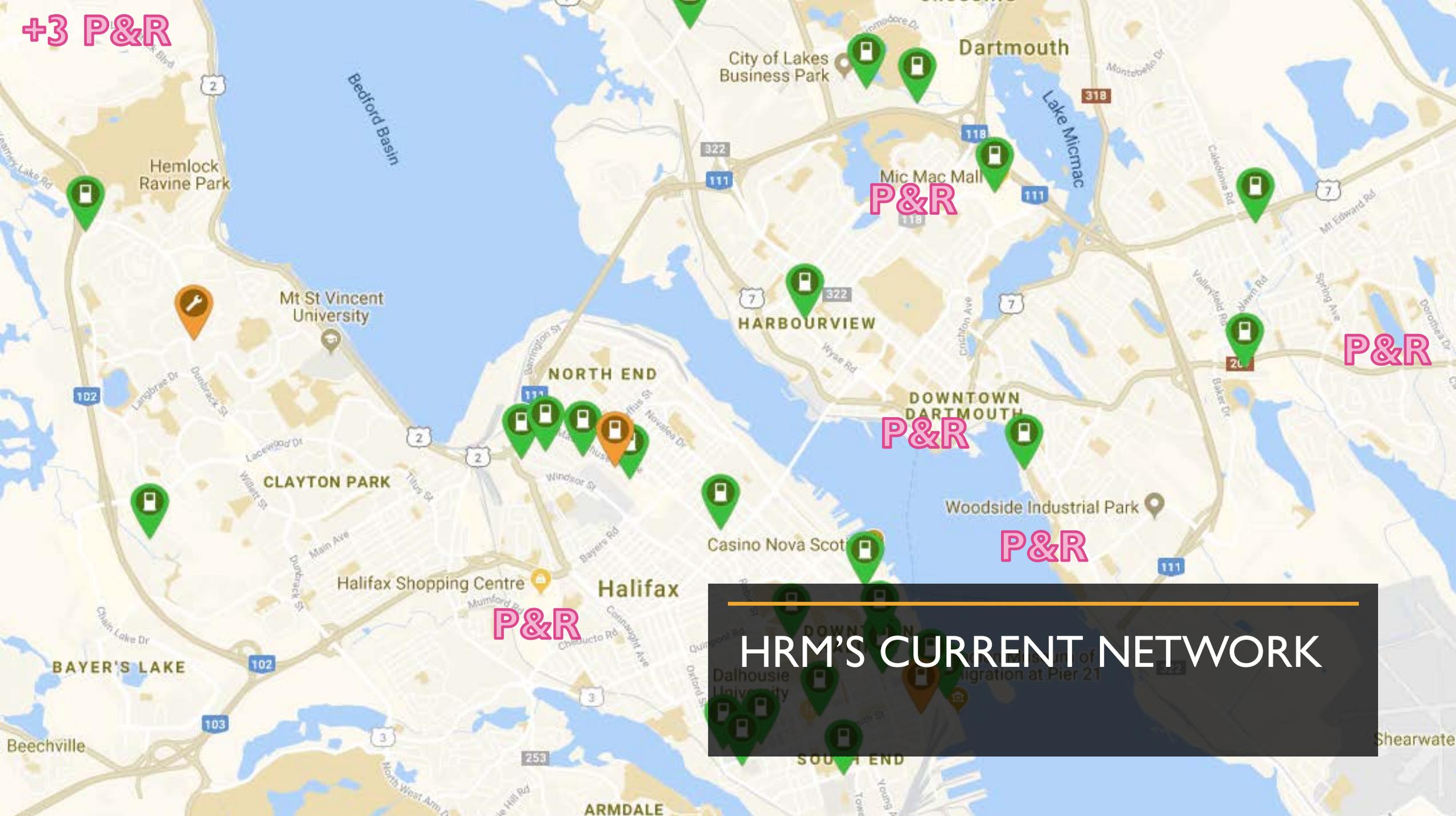
- Government of Canada is investing \$96.4M for a coast-to-coast charging network for electric vehicles
- \$50,000.00 per level 3 fast-charger up to max 5M
- Projects must:
  - be a permanent installations serving on-road vehicles and be located in Canada;
  - be new or increasing current capacity;
  - be an eligible technology
  - be open to the public at all times for EV fast-chargers
  - allow for networking (for EV fast chargers only);
  - offer at least one payment option free of any network membership requirement;
  - be completed 18 months after the receipt of the Letter of Conditional Approval

# ELIGIBLE TECH

- The charger must be a DC fast charger rated for a minimum of 50 kW of power output with at least one charge connector that is CHAdeMO compliant and one charge connector that is SAECCombo compliant.

DESCRIPTION	P/N	LIST PRICE	PRODUCT IMAGE
<b>50kW DCFC – Level 3 Fast Charger</b> Dual Port: CHAdeMO & CCS (SAE Combo) <ul style="list-style-type: none"><li>▪ Level 3, 50kW Output DC Fast Charger</li><li>▪ UL Listed</li><li>▪ RFID Card Reader for User Authentication (Access Control)</li><li>▪ Network Connectivity via Ethernet or Cellular (3G) Modem Connection (Cellular Modem included in pricing)</li><li>▪ Outdoor-rated, Robust Enclosure</li><li>▪ 12" TFT-LCD Touch Screen Display</li><li>▪ Simple Start/Stop buttons to initiate and commence charging session</li><li>▪ Payment Capability via OCPP network</li></ul>	EVO50-900-001A	\$33,495	

+3 P&R



HRM'S CURRENT NETWORK

# INTEGRATE WITH HALIFAX METRO

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- P&R users = early adopters of EV
- Integrate with current transit payment schemes
- What I am asking for: Memorandum of Agreement

THANK YOU