We are the **first generation** to be able to **end poverty**, and the **last generation** that can take steps to avoid the worse impacts of **climate change**. 

*Future generations will judge us harshly if we fail to uphold our moral and historical responsibilities.*

Ban Ki-Moon, Secretary-General, United Nations
31% CARS AND TRUCKS

11% MAJOR INDUSTRIAL EMITTERS

8% NON-ROAD ENGINES

26% BUILDINGS

7% AIR, MARINE, RAIL

5% HEAVY DUTY VEHICLES

6% OTHER INDUSTRY

3% AGRICULTURE

3% WASTE

~15 million tonnes in 2015
Getting to 80% by 2050: Metro Vancouver Illustrative Scenario

2007 EMISSIONS BY SECTOR

- CARS AND TRUCKS
- BUILDINGS
- MAJOR INDUSTRIAL EMITTERS
- OTHER INDUSTRY
- HEAVY DUTY VEHICLES
- NON-ROAD ENGINES
- WASTE
- AGRICULTURE
- AIR, MARINE, RAIL
- OTHER

16 MILLION TONS CO₂ EMMITTED 2007 (APPROX.)

2050 Emission targets in an 80% reduction scenario

3 MILLION TONS CO₂ TARGETED 2050 (APPROX.)
“The surge in battery powered vehicles will cause demand for oil-based fuels to peak in the 2030s. EVs will make up 15% to 30% of new vehicles by 2030, after which fuel demand will flatten out. Maybe even decline.”

Forecasted total EVs in Metro Vancouver (2015-2030)

- **Strong Demand + Strong Supply scenario**
- **Strong Demand scenario**
- **Baseline scenario**

(Light duty vehicles)

- **423,027** EVs in 2030
- **233,640** EVs in 2030
- **70,196** EVs in 2030

Source: Metro Vancouver
Infrastructure
Supply
Capital Cost
Awareness
Public charging
10%

Workplace charging
7%

Home charging
81%

Source: Argonne National Laboratory
92% of employers in Metro Vancouver have not considered installing workplace EV charging.
EV Workplace

How to set up Electric Vehicle Charging in your workplace

VanCity have installed both Level 2 and DCFC chargers at branch locations for employee and customer use. Installation of EV charging is a part of the company's broader sustainability strategy.
emotive
THE ELECTRIC VEHICLE EXPERIENCE
Thank you!