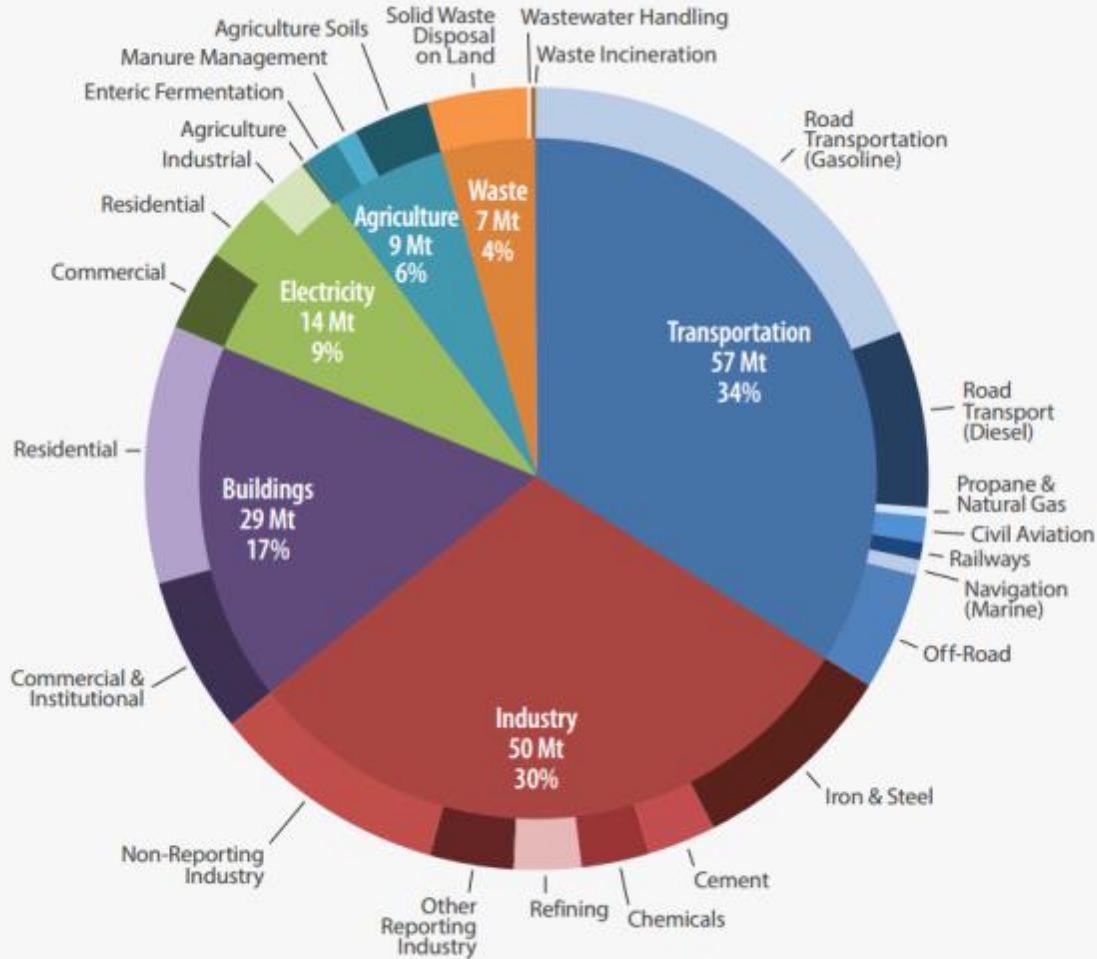


PLUG 'N DRIVE

**DRIVING OUR CLEAN ENERGY
FUTURE**
November, 2017



GHG Emissions by Sector

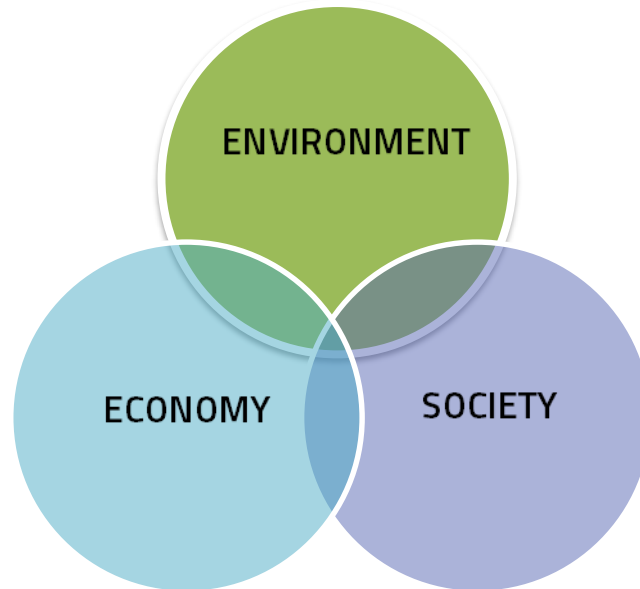


Source: National Inventory Report 2014 (2012 data),
 Ontario's Long-Term Energy Plan and Greenhouse Gas Emission Report regulation (O.Reg 452.09) data



Sustainability Winner

- EVs emit 57-96.5% less CO₂ than a gas vehicle
- Driving an EV is ~67-90% cheaper than a gas vehicle
- Electricity is Made Locally
- Charge batteries at night, taking advantage of surplus base-load electricity



Four Focus Areas



Education and Awareness

Educating consumers and providing test drives at events and employee engagement programs.



Charging Station Infrastructure

Tracking Canada's public charging infrastructure and providing resources for charging station installations.



Research

Conducting EV industry research, including the cost to drive and emissions impact of driving an EV in each Canadian province.



Policy

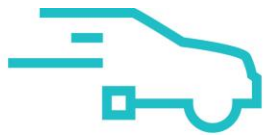
Engaging government at the municipal, provincial and federal levels to implement EV policies and programs.



Education and Awareness

Reached: 68,000+ consumers | Involved with 290+ Days of Events | Provided 6,000+ Test Drives



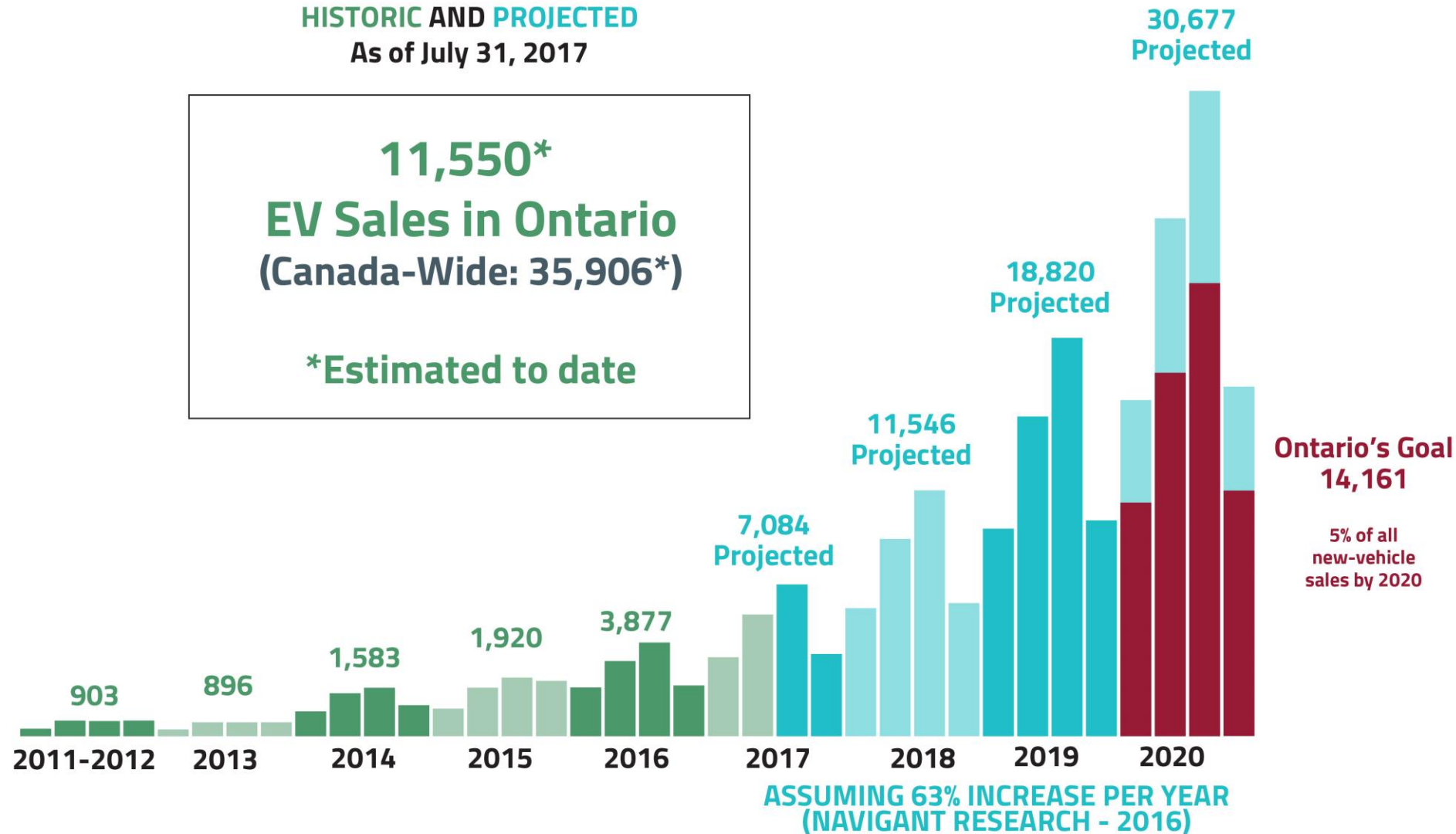


PLUG 'N DRIVE

CUMULATIVE EV SALES IN ONTARIO
HISTORIC AND PROJECTED
As of July 31, 2017

11,550*
EV Sales in Ontario
(Canada-Wide: 35,906*)

*Estimated to date





Ontario Policies Advancing EV

- Incentives on the car up to \$14k
- Incentives on home chargers up to \$1000
- Changes to building code/condo act
- Plans for workplace charging (coming soon!)
- Education and Awareness – support for PND
- Funding for electric school buses, green fleet

- \$ coming from Ontario's Cap and Trade program

Our Goal:

Work with government and industry to increase EV sales to 5% market share by 2020. Currently EVs account for less than 1%

Barriers to EV uptake:

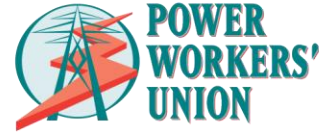
1. Consumer knowledge: Education is needed about the ease, benefits and cost savings of driving electric
2. Range anxiety: Public and workplace charging needed



EV Discovery Centre - 2017



DISCOVERY SPONSORS



ELECTRIFYING SPONSORS



ACCELERATOR SPONSORS



ELECTRON SPONSORS



- One-Stop-Shop for home charging station purchase and installation
- Largest selection of home charging stations in Canada
- Easy to use and secure online store

Charger Brands Available for Sale



Utility Partners





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EV Headlines – Reasons for Optimism

Quebec implements ZEV mandate

United Kingdom to ban diesel and gas cars by 2040

The Chevrolet BOLT and Tesla Model 3 to push electric cars into the mainstream

Volvo to Electrify All New Models from 2019 On

Japan now has more charging stations than gas stations

Shell CEO to make his next car electric

Electric car sales reach 40% increase in the U.S.



Thank You!



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