Vancity

Our EV Journey
Vancity: Organizational Context

Number of Branches  59
Number of Members  523,000
Number of HO Buildings  5
Number of Staff  ~2500
Vancity’s Guiding Principles

Co-operative principles and practices are flourishing in the community

Environmental sustainability for our members’ lives and community is enhanced

Social justice and financial inclusion are enhanced in our members’ lives and communities

Vancity’s guiding principles are core to our vision, values and mission as a member-owned financial cooperative.
Sustainability at Vancity: It’s In Our DNA

Environmental Sustainability is embedded in all decisions taken at Vancity; it’s what we do.

In 2008, Vancity became the first financial institution in North America to attain carbon neutrality!

Continued focus on leading by example, developing innovative green banking products, and piloting award-winning programs.
Reducing our Operational Footprint

Vancity’s Environmental program aims to reduce our operational environmental footprint by empowering staff to make environmentally sustainable decisions and to embed a culture of sustainability within the Vancity.

**Greenhouse Gas Accounting**

- Measurement of transportation, paper, & energy to calculate our carbon footprint.
- Purchase of carbon offsets to maintain organizational carbon neutrality.

**Consumption**

- Measurement and reduction of energy, materials, waste, and water.
2017 Vancity GHG Emissions

Total Emissions: 4560 tCO₂e

- Commuting: 2333 tCO₂e
- Paper: 124 tCO₂e
- Air Travel: 24 tCO₂e
- Electricity: 144 tCO₂e
- Natural Gas: 728 tCO₂e
- Vehicle Fleet Travel (Scope 1): 158 tCO₂e
- Vehicle Travel (Scope 3): 137 tCO₂e
- Car Allowance: 41 tCO₂e

Commuting: 51% of total emissions
Electricity: 3% of total emissions
Vancity Transportation Breakdown

- 45% SOV Auto Trips
- 31% Transit
- 6% Walk Trips
- 9% HOV Driver Trips
- 4% HOV Passenger Trips
- 5% % Bicycle Trips
- 4% % Motorcycle Trips
- 5% % Taxi /Other Trips
Fuel Type of Vancity Employees

- GASOLINE: 91.6%
- DIESEL: 2.2%
- PROPANE: 0.0%
- HYBRID: 3.5%
- FULL ELECTRIC: 1.5%
- OTHER: 0.0%
- DON'T KNOW: 1.3%
How do we reduce our emissions from SOV Commuting Trips?

Incentives:
• Transit Incentives
• Cycling Incentives
• Carpooling
• Work from Home/Branch Arrangements

Are there any opportunities with EVs?
• Fraser Basin Council Incentive
• Partnership with Modo- Plug in Hybrid
• Data Loggers
More people are considering Electric Vehicles (EVs). Are you?:

- Not interested: 45%
- Gathering information about EVs: 39%
- Considering an EV purchase: 16%
Staff Insights (2015): Barriers

What are/were your barriers/concerns to considering or purchasing an EV?

- Cost (still too pricey compared to regular cars): 67.9%
- Range anxiety (i.e. worry the battery will run out and leave me stranded): 40.4%
- Limited choices of vehicles available in the market: 26.6%
- Technology is too new (waiting to see how it matures): 21.0%
- No place to charge at home: 34.0%
- No place to charge at work: 31.2%
- Limited choices of vehicles available in the market: 26.6%
- Waiting for better technology: 14.3%
- Does not fit my lifestyle: 12.9%
- Don’t need a car / not interested in owning a car: 12.2%
Electric Vehicle Awareness and Incentives

• Awareness
  • EV 101
  • GreenConnection
• CEV Matching Rebate Program: Up to $5000 matching
• Priority parking at Vancity Centre
• Clean Air Vehicle Loan
  • Member: Rate of Vancity Prime + 1%
  • Staff: Rate of Vancity Prime -1%
  • Finances both infrastructure and vehicles
Vancity EV Drivers: Insights

- Decisive - Did not require incentive
- Need for Parking vs. Charging
- Class Divide
- Close knit community and deeply engaged
- 2\textsuperscript{nd} Vehicle
- Environmental Ethos
EV Infrastructure

Location Criteria

- Is it an owned or leased location?
- Are we contributing to the network?
- Where is the closest charging station?
- Parking?
- Cost?
- Supporting infrastructure?
EV Infrastructure

Member Charging (Branches)
- 4 x Level 2 Chargers
- 1 x Level 1 Charger

Workplace Charging (VCC & 369)
- 8 x Level 2 Chargers
- 1 x Level 3 Charger
Where do we go from Here?

- Level 2? or Level 3?
- Municipal partnerships- Infrastructure challenge
- Free Charging, Paid Parking? Or Paid Charging, Free Parking?
- Future Proofing- What happened when everyone has EVs
- Environmental Benefits?? Costs??
Any Questions?

Anthonia Ogundele
Manager, Environmental Sustainability, Business Continuity and Emergency Planning

Anthonia_ogundele@vancity.com
604-975-3362