

Driving Change: Scaling Sustainable Transportation

Session Two of the Sustainable Development Leadership Series Sustainable Transportation in Action

Presented by Dale Conway, Founder & CEO Current Taxi







Grounded in Community, Guided by Partnership

We respectfully acknowledge that this presentation is taking place on the traditional, ancestral, and unceded territory of the Syilx (Okanagan) people.

We recognize their ongoing relationship with this land and are grateful to be guests here today







CURRENT TAXI





With the support of: Pacific Economic Development Canada



With gratitude to our partners and supporters for helping make this work possible.

One Vision, Two Teslas, and a Green Ribbon

The launch of Current was never about starting small It was about starting right.



The Road So Far

2017 Launch Two Teslas. First rides, **BIG questions.**

2020 Expansion & **Reality Check**

We scaled quickly. The cracks showed just as fast.

GD

2018-2019

Demand Surge

500+ calls/day. Model pushed to its limits

2020/2021

B

Ridership drops. We rework /the model to survive.

2022-2024

Back to Our Core.

Forward in Our Mission

A return to local leadership and smarter service delivery





Every turn made us smarter. Every pivot made us stronger

Navigating Change

A Challenges Faced What tested our systems and stretched our limits.

- Sudden drop in ridership during the pandemic
- Cost pressures and operational inefficiencies
- Expansion into Victoria stretched resources
- Service standards hard to maintain at scale





***** How We Responded How we adapted & stayed true.

- Introduction of the contractor model
- Reduced operational overhead to stay afloat
- Re-centered the business in the Okanagan
- Refocused on quality, sustainability, and lean growth



Evolving with Intention



2020: Rebrand for Flexibility



A brand that kept pace with our growth—and gave us room to expand our mission.







2024: Simplified for Scalability

Reconnecting with Our Roots

How coming home changed everything.

- Re-engaged with local community partners
- Realigned services with local needs, not just growth potential
- Found new opportunity in shuttle services through dealership network
- Explored power delivery, charging, and courier services with existing EV fleet
- Redefined "scale" to mean depth before distance



CURRENT TAXI



From Taxi to Shuttle **Powered by Partnership**

What began as ride support for a local dealership...

Evolved into a fully branded, electrified shuttle service

Designed for efficiency. Built to scale.

Launched with Orchard Ford, October 2024

Service, Electrified.



Where we started—12M+ EV kilometers driven and counting

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Affaf

Fi fi f

Fleet-based delivery-efficient, emission-free, and on demand

CUrrent



Smart Transportation, Scaled by Design

From personalized trips to shared routes to custom mobility strategies -each step adds efficiency, reach, and impact.



Taxi

- Door-to-door convenience
- Rider-first experience
- 12M+ km of commercial EV insight
- Ideal for riders with time sensitivity, mobility needs, or unique routing



Shuttle

- Shared rides, shared routes
- AI dispatch ensures efficient clustering
- Lower cost per rider
- Perfect for predictable flows (dealerships, hospitality, events)



Mobility as a Service

- Route planning + dispatch support for delivery, service, or field operations
- Ideal for small teams doing many stops/day (e.g. food/parts delivery)
- Reduces emissions without replacing vehicles
- Clients gain sustainability wins + cost clarity



Over 12 million km driven

reduced emissions by 2.64 million kg of Co2e (2.2kg per 10 km)

8 fleet vehicles reaching over 500,000km

Sustainability isn't just about zero emissions, it's about longevity that keeps waste off the road.

The original vehicle still in service with 931,000 km...

and still turning heads. Proof that a well-maintained EV isn't just sustainable, it's built to last and look good doing it.

Impact Goals

We're committed to investigating which electric vehicles truly stand the test of time, not just in theory, but in real-world, highuse conditions.

Not every business needs the same range, charging setup, or performance profile. That's why choosing the right vehicles for your operations is critical.

Our experience with long-range Teslas, and now promising results from Ford, is helping build a roadmap for fleets ready to go electric, the smart way.

What's Next for Current

From dealership shuttles to regional mobility. Electrifying the Okanagan's transportation network.

Our Focus for 2025: Shuttle Expansion Establish Current as Okanagan's premium shuttle provider.

Priority Sectors:

- Dealership service programs
- Hotel & resort partnerships
- Airport link programs & tourism operators

What makes it work:

- Flexible fleet (2–3 vehicles can serve 5+ locations)
- AI dispatch adapts to peak times + fixed routes
- Branded, professional image boosts partner profile
- Emissions-free fleet meets ESG expectations



Reinforcing the Model: Efficient, Local, Scalable

How:

- Continue to develop shuttle, courier, and power programs
- Pursue only partnerships that reduce
 vehicle use and raise service quality
- Keep operations lean, dispatch smart, and rider experience premium

We're not just adding services. We're designing systems that scale with purpose.

Why This Information Matters

Many of you have been environmental leaders long before electrification became mainstream. You have reduced waste, optimized operations, and built sustainability into the way your businesses work or even why they exist. You are not starting from scratch. You have already proven that better is possible.

What we want to share is what it looks like when that commitment extends to the fleet. At Current, we have built an all-electric operation from the ground up. We have learned what works, what does not, and how to keep service, reliability, and care at the center through it all.

We can't tell you what to do, but we can show you that it can be done. Electrification brings real challenges. Infrastructure, range, charging, and change management all come into play. But with the right approach, it works. It serves. And it scales.

If our experience makes your path easier or affirms the direction you are already heading, then this moment matters. Because when values and action align, it moves all of us forward.



Charging Kelowna

Vehicle	Battery Size	Charging Method	Time to Charge (10– 80%) Estimated Cost		Estimated Range Added
Ford F-150 Lightning	131 kWh	Home (Level 2)	10–14 hours	~\$15.72	~350 km
		DC Fast (50 kW)	~2.5 hours	~\$23.57	~350 km
		Tesla Supercharger	~40-45 minutes	~\$42.24	~350 km
Tesla Model 3	82 kWh	Home (Level 2)	6–10 hours	~\$8.61	~375 km
		DC Fast (50 kW)	~1.5 hours	~\$12.96	~375 km
		Tesla Supercharger	~30 minutes	~\$26.21	~375 km
Ford Mustang Mach-E	88 kWh	Home (Level 2)	6–10 hours	~\$9.24	~370 km
		DC Fast (50 kW)	~1.5 hours	~\$13.91	~370 km
		Tesla Supercharger	~30 minutes	~\$28.13	~370 km
Tesla Cybertruck	122.4 kWh	Home (Level 2)	10-14 hours	~\$12.85	~480–500 km
		DC Fast (50 kW)	~2.5 hours	~\$19.38	~480–500 km
		Tesla Supercharger	~1 hour 8 minutes	~\$39.79	~480-500 km

Cost Comparisons

Kelowna

Vehicle	Fuel Type	Efficiency	Range (km)	Cost per 100 km	Level 2 Charging (\$/100km)	Fast Charging (\$/100km)
Ford F-150 Lightning	Electric	27.0 kWh/100 km	485	\$3.38	\$3.38	\$9.74
Ford F-150 (Gasoline)	Gasoline	14.0 L/100 km	970	\$19.17	_	_
Ford F-150 (Diesel)	Diesel	11.0 L/100 km	1236	\$23.31	_	_
Ford Mustang Mach- E	Electric	20.0 kWh/100 km	435	\$2.50	\$2.50	\$7.22
Tesla Model 3	Electric	15.0 kWh/100 km	545	\$1.88	\$1.88	\$5.41
Tesla Model S	Electric	18.0 kWh/100 km	634	\$2.25	\$2.25	\$6.50
Tesla Model X	Electric	20.0 kWh/100 km	560	\$2.50	\$2.50	\$7.22
Tesla Cybertruck	Electric	25.0 kWh/100 km	515	\$3.13	\$3.13	\$9.02
Toyota Prius (Hybrid)	Hybrid (Gas+Electric)	4.4 L/100 km	950	\$6.03	_	_
Toyota Corolla	Gasoline	7.0 L/100 km	715	\$9.58	_	_



Final Thought: Walk, Don't Wait

Switching to electric isn't a simple choice, and that's okay.

New technology brings new questions, new costs, new ways of working. You'll meet new professionals who are learning too. You'll find out what works for your fleet, and what doesn't. But that's part of the process. That's progress.

What we've learned through millions of kilometers is this: It works. The vehicles work. The charging works. The systems work. Not because they're perfect, but because they're tested, adapted, and constantly being improved in the real world. Just like your business.

You don't have to leap. You don't even have to run. But standing still? Waiting for everything to be easy or obvious? That's the one move that guarantees nothing changes. Start walking toward the future of sustainable transportation.

We'll be here, walking with you.

Q1 - How Long Can a Ford Lightning Power a Game Console and TV?

If you've seen Dylan outside gaming on our demo rig — yes, that's really happening. We're powering a Nintendo Switch and 43" 4K TV directly from the Ford Lightning using Pro Power Onboard.

Q: How long (in hours) could Dylan run that setup off the truck's battery alone?



Q2 - How Much Power to Run a House Overnight?

On the night of September 28, 2024, during a widespread power outage in the Beaverdell– Rock Creek area, we powered a rural home entirely using a Ford Lightning. The truck supported lights, appliances, and essential systems for the duration.

Q: How much of the truck's battery capacity (%) did we use in 10 hours?



Q3 – How Much to Tow an EV Across BC in Winter?

On December 16, 2024, we towed a Tesla Model X from Kelowna to Vancouver, crossing the Coquihalla Summit in winter temperatures. The total towing weight was substantial a Tesla Model X (≈5,300 lbs) plus a 1,900 lb trailer.

Q: How much electricity (KW) did the entire trip use, and what would that cost at BC residential rates? Hint, the truck has a 131 KW battery



Q4 – How Long Could We Power 100 Homes in British Columbia?

Current Taxi has driven 12 million kilometres using electric vehicles, saving 2.64 million kilograms of CO₂ emissions. That's a massive environmental benefit — but what if we converted that into something people experience every day?

Q: If 100 homes in British Columbia kept running as usual — lights on, heat running, appliances in use — how long would it take them to produce that much CO_2 ?

Reminder

Protecting our planet starts with ME

You bet it does

CURRENT TAXL

Q5 - How Often Do EV Batteries Need Replacing?

We've tracked every battery service and replacement in our 40-car electric fleet across 12 million km.

Q: How many 'battery packs' have we had to replace across our 40-vehicle fleet?



Q1 – How Long Can a Ford Lightning Power a Game Console and TV? <u>A: Approximately 1,209 hours.</u> (131,000 Wh ÷ 110 W = 1,190 hours) That's over 50 full days of continuous gaming and Netflix. (Yes, Dylan could literally stay out there until June)

Q2 – How Much Power to Run a House Overnight? <u>A: About 5% of the Ford Lightning's battery was used over 10 hours.</u> (131 kWh × 5% = ~6.65 kWh) Powered an entire rural house during a real power outage in Beaverdell–Rock Creek. (No gas, no noise, just lights, Netflix and hot coffee.)

Q3 – How Much to Tow an EV Across BC in Winter?

A: 129.81 kWh of electricity used.

Cost: 129.81 kWh × \$0.14 = **\$18.17**. That's all it took to haul a Tesla Model X plus a 1,900 lb trailer over the Coquihalla in winter — cheaper than the tax on a typical tow bill.

Q4 – How Long Could We Power 100 Homes in British Columbia? <u>A: Enough carbon to power 100 homes for 10 years.</u>

That's 2.64 million kilograms of CO₂ avoided – the same amount 100 homes in Kelowna would produce over a decade just by heating, lighting, and living day to day. Instead of adding to the problem, our electric fleet is helping rewrite the baseline.

Q5 – How Often Do EV Batteries Need R**eplac**ing?

A: Only 4 battery packs replaced across 12 million km.

(12,000,000 km ÷ 4 = 3,000,000 km per replacement)And 3 **ou**t of 4 we**r**e fully co**ve**red under warranty. (Almost myth-busting levels of durability.)



The floor is yours

Q&A

NAME OF THE OWNER OF

CURRENT TAXI



Thank you once again to our friends and partners





Electric Vehicle Charging Solution





With the support of: **Pacific Economic Development Canada**





