

## 2. On-Road Additional Vehicle Form.

### Vehicle Comparison

Please complete the tables below for any additional zero-emission vehicle for which your organization is seeking funding. Use one form for each additional vehicle and attach each form to the end of the application.

Please also include relevant information for a conventionally fuelled alternative vehicle that the zero-emission vehicle would replace or displace.

	Conventional Vehicle Information <sup>1</sup>	Zero-Emission Vehicle Information
<b>Number of vehicles:</b>		
<b>Vehicle Type:</b> (e.g., truck, bus, etc.)		
<b>Vehicle Make:</b>		
<b>Vehicle Model or Model Number:</b>		
<b>Vehicle Model Year:</b>		
<b>Typical Lifespan:</b>		
<b>Gross Vehicle Weight Rating:</b>		
<b>Annual Use:</b> (average kilometres or hours per year)		
<b>Fuel Type:</b>		
<b>Fuel Economy:</b> (average litres per 100 km for conventional and kWh/km or kWh/hr or kg H2/km or kg H2/hr for zero-emission)		
<b>Summary of typical use:</b> Please include detailed information on typical routes (e.g., distance, geography, terrain and frequency of travel). Can the zero-emission vehicle be used in all situations that the conventional vehicle could? If not, what are the exceptions?		
<b>If the vehicle is replacing an existing vehicle, please provide three years of historical data on annual fuel consumption.</b>		
<b>If the vehicle is a new addition, please describe why your organization is adding a new vehicle to its fleet</b>		

1. In cases where this a new addition to the fleet (not a replacement), please identify an equivalent fossil fuel vehicle that would have been purchased in absence of the zero-emission alternative

## Information on the Zero-Emission Vehicle

Please complete the table below for each zero-emission vehicle for which your organization is seeking funding.

<b>What is the intended outcome of the proposed project on your fleet?</b>	Replacement	Addition	Retrofit
<b>Will the vehicle be purchased or leased?</b>	Purchase		Lease
<b>Will the vehicle be purchased or leased in Canada?</b>	Yes		No
<b>If the vehicles will be purchased or leased outside of Canada, please note the country of purchase and explain why.</b>			
<b>Purchase (MRSP) or Lease (monthly payment and term) Price: CAD \$</b>			
<b>Is the vehicle new?</b>	Yes		No
<b>If yes, please indicate the country of manufacture:</b>			
<b>If the vehicle is a retrofit, please elaborate, and describe how the deployment will enable innovation and grow the adoption of ZEV technologies in B.C.: <sup>2</sup></b>			
<b>Energy Storage Capacity:</b>			
<b>Rated Payload Specifications:</b>			
<b>Motor Output:</b>			
<b>Electric Range:</b>			
<b>Does the vehicle have zero tailpipe emissions associated with its operation?</b>	Yes		No
<b>Will the vehicle use automation?</b>	Yes		No
<b>Is the vehicle covered by a US Environmental Protection Agency (EPA) certificate or deemed to be covered by an EPA certificate in accordance with the On-Road Vehicle and Engine Emission Regulation under the Canadian Environmental Protection Act (CEPA), 1999?</b>	Yes		No
<b>Does the vehicle meet all requirements outlined in Transport Canada's Motor Vehicle Safety Act and its regulations?</b>	Yes		No
<b>Please describe the expected timeline for the vehicles to be in active operation. To the extent possible, please include information on any steps already taken towards purchase or deployment. Also include the intended vehicle operational lifetime within your organization.</b>			

2. Aftermarket on-road vehicle conversions may be eligible depending on opportunity for innovation and other benefits of the project as presented by the Applicant.

### 3. Supporting Energy Infrastructure

#### Supporting Energy Infrastructure

Please complete the tables below if you intend to request funding for supporting energy infrastructure. For additional chargers, please use the Additional Supporting Energy Infrastructure and attach it to the end of this application.

<b>Type of energy infrastructure:</b>					
<b>Number of charging or fuelling stations</b>	<b>Level 2</b> (3.3 kw to 19.2 kW)	<b>Fast chargers</b> (20 kW to 49 kW)	<b>Fast chargers</b> (50 kW to 99kW)	<b>Fast chargers</b> (100 kW and above)	<b>Hydrogen fuelling</b>
<b>Number of plug-ins per charging station</b> (i.e., how many vehicles can be plugged in at a time per charging station?)					
<b>Description of energy infrastructure:</b> Please provide information on the installation location(s), including address(es), of the energy infrastructure and typical use.					
<b>Is the energy infrastructure approved for sale and use in Canada?</b>	Yes			No	
<b>Does the infrastructure meet the requirements of the local authorities?</b> (e.g., Technical Safety BC, local governments and local fire departments)	Yes			No	
<b>Will the energy infrastructure be a new installation?</b>	Yes			No	
<b>Will the energy infrastructure be for the expansion of an existing installation?</b>	Yes			No	
<b>Please describe the expected timeline for the installation or expansion of the energy infrastructure to be fully operational. To the extent possible, please include information on any steps already taken towards installation or expansion (e.g., site approvals, grid connection etc.).</b>					
<b>If electric vehicle charging infrastructure:</b>					
<b>Does the electric charging infrastructure have cUL, cETL or CSA certification?</b>	cUL		cETL		CSA
<b>Will the electric charging infrastructure be purchased or leased equipment?</b>	Purchase				Lease
<b>Will the electric charging infrastructure be a permanent installation for at least five years?</b>	Yes				No
<b>If no, describe how the mobile electric charging infrastructure will function and how it will remain operational in B.C. for at least five years.</b>					
<b>Make/Manufacturer:</b>					
<b>Model or Model Number:</b>					
<b>Charging Power (kW):</b> (If unknown, please estimate)					
<b>Supply Circuit:</b>					
<b>Installation Provider:</b>					

**If hydrogen fuelling infrastructure:**

<b>Hydrogen fuelling station provider:</b>	
<b>Expected minimum peak fuelling capacity:</b> (i.e., fills per hour)	
<b>Expected minimum station daily fuelling capacity:</b> Please provide information on the daily fuelling capacity (kg/day) and the rated daily capacity over a 12-hour period.	
<b>Will the hydrogen dispensed meet the requirements in the Society of Automotive Engineers (SAE) International J2719: 2011, Hydrogen Fuel Quality for Fuel Cell Vehicles?</b>	Yes <span style="margin-left: 200px;">No</span>
<b>Will the hydrogen fuelling infrastructure be operational in B.C. for at least 12 months?</b>	Yes <span style="margin-left: 200px;">No</span>
<b>Source of hydrogen</b> Please describe the source of hydrogen, how the hydrogen is produced (including feedstock and by-products) and whether sourcing has been secured.	