Hon. George Heyman
Minister of Environment and Climate Change Strategy
P.O. Box 9486, Stn Prov Govt
Victoria, B.C. V8W 9W6

Via Email: clean.growth@gov.bc.ca

August 23, 2018

Dear Minister Heyman,

**Re: Submission to the Province of BC – Towards a Clean Growth Future for B.C. - Clean Transportation**

British Columbia wants to be a world leader in reducing its carbon emissions. To accomplish this in the transportation sector, the province’s existing vehicle fleet needs to be completely “turned over” and replaced with super energy efficient vehicles. BC SCRAP-IT believes it can play a pivotal role in making this transition to a lower carbon economy by reducing BC’s carbon output from the transportation sector. We can help meet the government’s climate action goals.

Since our inception, the BC SCRAP-IT program has removed over 44,000 older polluting vehicles from the roads and reduced the carbon output of these vehicles by over a million tonnes. There are no organizations that have made a bigger impact reducing greenhouse gases (GHGs) from the auto sector than BC SCRAP-IT. We provide a sure-fire way for families, and the BC Government, to have an even bigger impact in reducing GHGs in the future.

**The Low Carbon Challenge in Transportation**

The vehicles we drive today represent 34% of all carbon emissions in the province. And, because we have milder winters in BC, our vehicles last much longer than in the rest of Canada. As a result, the average family vehicle in BC is polluting a lot more than those in other provinces. In fact, British Columbia has the oldest vehicle fleet in Canada and it’s getting older. For example, there are about half a million licenced vehicles in Metro Vancouver that are more than ten years old.

Replacing an old family vehicle with a new advanced technology Hybrid or Internal Combustion Engine (ICE) or an electric vehicle (EV) is the fastest way to dramatically reduce a family’s greenhouse gases, and fuel costs, and be part of the low carbon solution.
The significant impact the average British Columbian can have at reducing their carbon output can be seen in this simple example. If a family owned a 1997 Honda Civic and replaced it with a 2018 Honda Clarity Plug-In Hybrid, fuel consumption, and therefore a family’s carbon transportation emissions, would decline by about 75%. *This is the single most effective way for a family to reduce its carbon footprint with a single purchase or action.*

Supporting families to make the right decision to scrap their old vehicle and purchase a new low carbon vehicle is vital to meeting climate objectives. With Zero Emission Vehicles representing only 1% of all vehicle sales, Internal Combustion Engines purchased in 2018 will still be operating on BC’s roads in 2040 and beyond. To truly reduce carbon and GHG’s the next family vehicle needs to be a Zev or Hybrid.

Education itself won’t accomplish what is possible. We need to financially bias a family’s purchase decision towards a low carbon vehicle.

Given our experience in scrapping over 44,000 vehicles to date, we know one thing for certain. Consumers are motivated by incentives, especially when they also know they are achieving an environmental objective and saving money.

*The best way to accelerate a switch to a low carbon vehicle fleet is to incent families to scrap their older vehicle for a new highly efficient vehicle through BC SCRAP-IT.*

**Benefits of a Large-Scale Low Carbon Vehicle Incentive Program**

**For Families**
- Enables families to make a clear difference in reducing their carbon footprint.
- Low carbon vehicles saves a family up to $2,000 per year in fuel costs.
- Allows families to fully understand and use EV charging so that their future vehicle choice will automatically be an electric vehicle.
- Provides a solution for rural BC families who are unlikely to purchase all electrics until range improves, prices decline, and recharging infrastructure across the province is equivalent to gasoline stations.
For the British Columbia Government

- Helps the province achieve its greenhouse gas reduction goals that are unlikely to be achieved otherwise in the transportation sector
- Turns the fleet over faster than the “natural rate” resulting in a much better mpg average being achieved
- Allows government to make an effective low carbon alternative affordable for all BC families
- Acts to “build out” more EV charging infrastructure into the market as more plug-in hybrids are used across the province
- SMOG reductions will also be significant as new vehicles have dramatically lower tailpipe emissions than the old vehicles being scrapped
- Targets under BC’s Low Carbon Fuel regulation will be more easily met
- Greater PST is collected as more vehicles are sold.

Major Opportunity

A large-scale Low Carbon Vehicle program is a major opportunity for British Columbia. Tens of thousands of older vehicles in BC could be scrapped and incentives provided towards vehicles that have dramatically lower carbon emissions.

Government has many different mechanisms that can be used to fund BC SCRAP-IT enabling us to offer incentives to BC families. Without such a program many families will not be able to reduce their carbon footprint. And the BC Government will not be able to meet its GHG reduction goals in the transportation sector.

The BC SCRAP-IT program is a ready-to-go climate action solution for accelerating the turnover of the BC fleet of old fuel inefficient and super polluting cars and replacing them with a low carbon fleet.

Sincerely,

(original signed by)
Dennis Rogoza
CEO
BC SCRAP-IT Program Society