
Carbon Footprint Initiative & Compensation Strategy - 2016

Trillium Mutual Insurance Company is a property and casualty insurance company with its Head Office in Listowel, Ontario.

We consider ourselves responsible stewards of the environment. A significant example of this is the facility that was constructed in 2009 – 2010 at 495 Mitchell Rd. South. This facility was designed and constructed as a LEED building, with the motivation to ultimately attain the “Gold” level designation. The building was ultimately approved as a LEED Gold building. We are committed to maintaining the occupancy standards with the materials that are consumed in operating and maintaining the facility. Our workflows and paper consumption have also been influenced by our appetite to reduce our carbon footprint through behaviors. Our employees are trained and disciplined in reducing the burden on landfill and recycling infrastructure and we have an effective recycling program in place, with an emphasis on eliminating items such as plastic water bottles.

The company does own a small fleet of vehicles. Key considerations in the selection process include: safety ratings; fuel efficiency ratings; functionality for specific use and regional economic sustainability. Currently 28.5% of the fleet is Hybrid automobiles.

This strategy focuses on the CO₂ emissions created by the company fleet, and is based on estimated fuel consumption for 2016.

1. Carbon Footprint for Fleet Vehicle Usage:

- a. 24,968 litres of fuel used = 61.8 tonnes of CO₂.
- a. To partner with MVCA to determine the best location(s) for these trees.
- b. Carbon Footprint: 61.8 tonnes of CO₂ emitted = 185 trees.

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2. Compensation Strategy:

- a. To plant trees in the MVCA catchment area to offset the carbon footprint, annually.
- b. To partner with MVCA to determine the best location(s) for these trees.
- c. Carbon Footprint: 61.8 tonnes of CO₂ emitted = 185 trees.

3. Trillium Carbon Footprint Reduction Strategy:

- a. As vehicles are replaced, review the fuel efficiency with the goal to reduce CO₂ emission with replacement vehicles.
- b. Critically assess the availability and functionality of Hybrid vehicles in the replacement cycle.
- c. Critically assess the availability and functionality of Electric vehicles in the future.
- d. To install a Charging Station at the head office facility.
- e. To develop a CFI Team at Trillium to provide direction, mentorship and internal accountability for the organization.
- f. To complete research and development in pursuit of the development and offering of a "Green Insurance Product", featuring the use of environmentally friendly materials to be used in claims remediation.

Respectfully submitted,
J. Dietrich