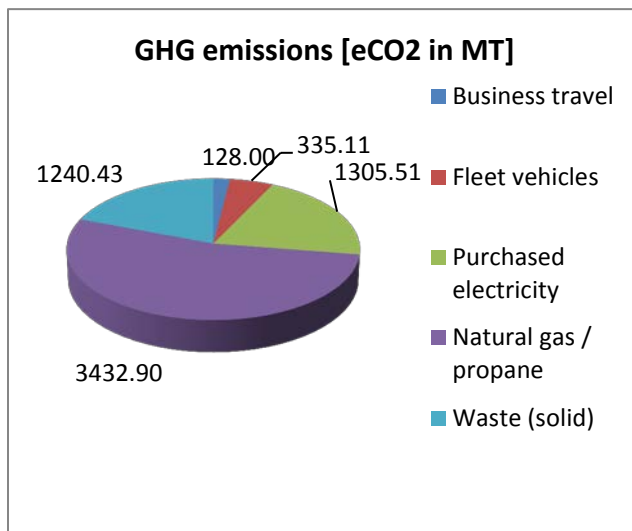




## Green House Gas Inventory and Climate Actions, Spring 2016

The following are examples of carbon reduction actions completed to achieve the targets in the Five Year Sustainability Plan in the areas of energy, waste, transportation and local food:

- Upgraded interior and exterior lighting to LED, including residence buildings (47.3K in annual savings).
- Installed of EV Charging Stations at our Sutherland Campus with a planned expansion to other campuses in partnership with the local community.
- Upgraded residence appliances to energy efficient models.
- Upgraded building automation systems for all campuses, installed electrical sub-metering and installed digital timers.
- Implemented equipment shutdown protocols in food service operations.
- Established weekly monitoring/reporting for HVAC occupied/unoccupied at all campuses.
- Upgraded roof insulation and installed air curtain at main campus.
- Installed variable frequency drives for air handling.
- First institution in Canada to ban bottled water on campus - effective 2011.
- Implemented green guide for residences in student orientation and handbook.
- Implemented an intercampus shuttle; mandatory student transit pass with improved



public transit service agreement with the City of Peterborough, and a bicycle loan program.

- Implemented community gardens, on-campus farmers market and food box program (from on-campus garden) and campus naturalization plans.