

PlanetClean

Greenhouse Gas Emissions Inventory Report For the Year: 2008

Introduction

(A brief description of the company. This may include background on the company's mission or motivation to manage GHG emissions. Should include whether this is a baseline inventory against which subsequent inventories will be compared.)

(Suggested language below regarding the GHG Protocol and your participation in Climate Smart.)

As an alumnus of Climate Smart, **(Company Name)** conducted its GHG emissions inventory according to the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard, Revised Edition ("the GHG Protocol"). The GHG Protocol is an internationally recognized standard published by the World Resources Institute and the World Business Council on Sustainable Development. The GHG Protocol and related documents can be accessed at <http://www.ghgprotocol.org/>.

A letter from Climate Smart is attached, attesting to **(Company Name's)** completion of its GHG inventory and outlining the reduction strategies it will pursue.

Operational Boundaries

The GHG Protocol requires the inclusion of Scope 1 and 2 emissions, and suggests including Scope 3 emissions from activities relevant to an organization's business and goals, and for which reliable data can be obtained. Emissions scopes are defined as follows:

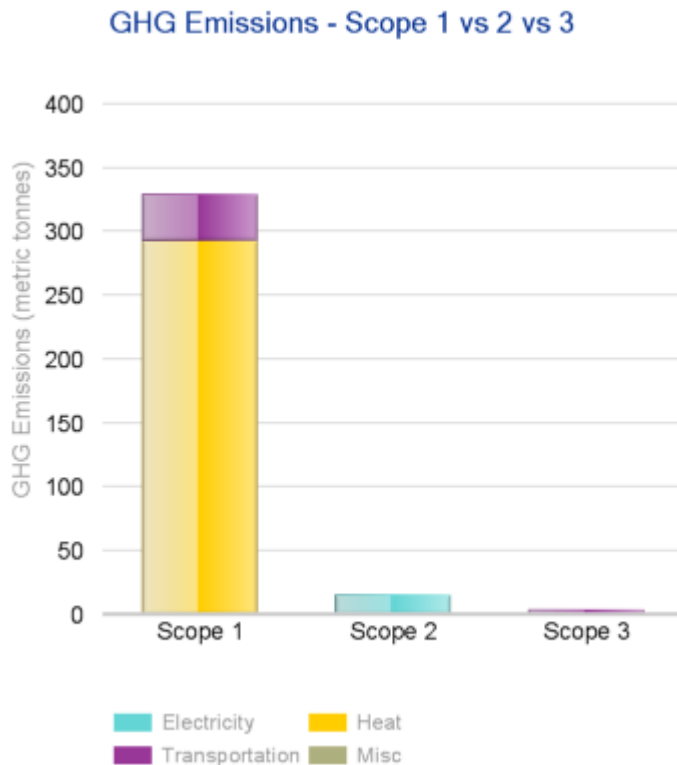
Scope 1: includes direct GHG emissions from sources that are owned or controlled by the reporting company or organization.

Scope 2: includes indirect GHG emissions from purchased electricity and purchased heat

Scope 3: includes indirect GHG emissions that are a consequence of the reporting company's operations but occur at sources owned or controlled by another company

PlanetClean included the following scope 3 emissions in its inventory:

Emissions Breakdown by Scope



Methodology Used for Calculations

- This inventory was conducted using the Climate Smart web-based greenhouse gas management tool, with the sole exception of paper use calculations, which were made using the Environmental Defense Fund Paper Calculator (<http://www.papercalculator.org>). The Climate Smart GHG management tool was designed for adherence to the GHG Protocol.
- Climate Smart's emission factors come from a variety of sources, such as BC Hydro, the World Resources Institute, and Environment Canada. Climate Smart reviews its emission factors annually to update them based on refined industry methodology and changing electricity grids. Climate Smart's emission factor updates are also reviewed annually by the Pembina Institute. Further details on Climate Smart's emission factors, their sources, and methodology for updating them are available upon request to hotline@climatesmartbusiness.com.
- Electricity and heat calculations were based on actual energy.
- Transportation calculations were based on actual fuel usage where data was available, and distance estimates in all other cases.
- Commercial flight calculations were based on inter-airport distances as listed by www.world-airport-codes.com.

- Employee commuting calculations were based on a staff survey and extrapolated for the entire year.
- Landfilled waste calculations were based on a two-week waste audit and extrapolated for the entire year.

Exclusions

This measures our Derwent Way location exclusively. Other locations are scheduled for reporting in 2010.

Reduction Target

We have set a target to reduce greenhouse gas emissions by 8% by 2015.

Reduction Strategies

PlanetClean plans to pursue the following reduction strategies:

Purchases of Carbon Offsets

We are currently talking to a company called Offsetters to assist with purchasing of carbon credits. We have provided some information below:

Offsetters provides high quality solutions for individuals and organizations seeking to reduce their climate impact

Offsetters differentiates itself on:

1. *Quality: Offsetters projects are verified by third parties as generating additional, permanent reductions in the amount of CO₂ in the atmosphere;*
2. *Efficiency: Our lean administration and operating cost structure ensure that a large part of your purchase goes directly into projects. We have one of the lowest overhead rates in the industry.*

Founders

Offsetters was founded in 2005 by Drs. Hadi Dowlatabadi and James Tansey, respected professors at the University of British Columbia.