



EDEN MILLS

CARBON EMISSIONS SURVEY 2013

Welcome to the Eden Mills Carbon Footprint Survey for the 2013 year! Thank you for taking the time to participate in this survey. Your information will help our community compute a carbon footprint for both your household and the Village as a whole. Once all data is collected and analyzed, you will receive a summary of your household emissions and improvements, as well as a summary of the Village's emissions and improvements. Any information you provide will be kept confidential.

The participation rate has been excellent on the last three surveys, and the number of households participating is increasing with every survey. If you are new to Eden Mills, your neighbourhood volunteer will be happy to review the survey questions with you.

The Eden Mills Going Carbon Neutral Team is excited to be able to bring you this new survey with a few notable improvements over previous surveys. The 2013 survey now has the option to save all your responses, with the ability to return to them and submit them at a later date. To save the survey, click the 'Resume Later' button at the bottom left corner of the page and you will be prompted to create a password. Please note that to access this saved survey, you must use the same link that was originally emailed to you, click the 'Load unfinished survey' button and input the password you created. The survey has also been considerably revised; it now focuses on essential information surrounding electricity and fuel use in the house and for transportation. Please note that the past year refers to **January 01, 2013, to December 31, 2013**.

The Survey Guide, which is available through the link below, offers clarifications on some of the questions within the survey. It also contains information regarding determining total energy use, and where that information can be found. [Survey Guide](#) In order to complete the survey, you will need to have data regarding the amount of electricity in kWh used by your household, the forms and amounts of other energy sources (i.e. number of cords of wood used, propane, etc.), as well as the gross heated area of your household. You will also need information regarding household vehicles, specifically distance travelled in km, fuel type and efficiency.

It is important to complete all survey questions so the results will be reliable. Thank you for taking the time to complete this survey. Your information will help determine the total carbon foot print for Eden Mills. If you have any questions or comments, please feel free to contact the your neighbourhood volunteer or the University Student Team at edenmillsgcngmail.com

There are 25 questions in this survey.

Introductory Questions

1. Have you participated in any previous Eden Mills Carbon Footprint surveys?

Please choose **only one** of the following:

- Yes
- No

2. Please note which surveys you have completed. Please feel free to include any comments regarding those surveys. Please choose all that apply and provide a comment if you wish:

- 2011

- 2009

- 2007

3 Please provide your household identification number. This number was included in the email inviting you to participate in the survey.

Please write your answer here:

General Questions

4. Please indicate how many people lived within your household for more than six months of the past year.

Please write your answer here:

5. Please select the type(s) of building(s) you own or reside in. Please only include buildings within Eden Mills. Please see the [Survey Guide](#) for further clarification on the following building types.

Please choose **all** that apply:

- Detached Single Family Home
- Attached Single Family Home
- Apartment Building
- Apartment Within a Building
- Mixed Use Building
- Institution

Energy Use

6. Please indicate the total amount of electricity consumed within your household for the past year. Please see the [Survey Guide](#) for information on how to determine your total electricity consumption.

Please write your answer here:

7. Please indicate if the electricity you purchase is "Green Sourced" (i.e. Bullfrog Power). Please see the [Survey Guide](#) for the definition of Green Sourced energy.

Please choose **only one** of the following:

- Yes
- No

8. If you have solar electric panels (P.V. or photovoltaic), please indicate how many kWh you generated within the past year.

Please write your answer here:

9. Please indicate any other sources of energy your household has used within the past year and the approximate amount consumed. For information regarding how to find the information and how to calculate the amount of wood cords used, please see the [Survey Guide](#).

Please choose all that apply and provide the amount consumed:

- Oil (Litres)

- Propane (Litres)

- Wood (Bush Cords)

- Wood (Face Cords)

- Wood Pellets (lbs)

- None of the Above

10. Please indicate the gross floor area of the heated livable spaces in your household. Please see the [Survey Guide](#) for information on calculating floor area. This question may be answered in either square feet or square metres. Please indicate within the question which unit of measurement you are using in the form of 'm' or 'ft' (for example, 28 square metres should be entered in the form of '28m', and 37 square feet as '37ft'). This data will be used to determine the heating efficiency of your household on a square metre or square foot basis.

Please write your answer here:

11. Please indicate if you have made any improvements to your household that increase energy efficiency within the past two years (i.e., since the last survey, for 2011).

Please choose the appropriate response for each item:

Since January 1, 2012

New Insulation

New Windows and/or Doors

New Caulk and/or Weather Stripping

Installation of a Programmable Thermostat

Insulating Water Heater Tank/Water Pipes

New Water Heater

Installation of Solar Hot Water Heater

Installation of Solar Electric Panels

New Energy Star Appliances

Installation of a Heat Pump (Air or Ground)

Installation of LED (Light-Emitting Diode) fixtures

Installation of Fluorescent or

Since January 1, 2012

**Compact
Fluorescent
Lights**

12. If you have made any improvements to your household within the last two years that are not listed above, please comment on the type of improvement in the space provided.

Please write your answer here:

Transportation

13. For the privately-owned vehicles used by members of your household, please indicate how many kilometers each vehicle has travelled within the past year.

Please write your answer(s) here:

- Vehicle one

- Vehicle two

- Vehicle three

- Vehicle four

- Vehicle five

- Vehicle six

17. Within the past year, please indicate if anyone in your household has travelled by air for personal or business purposes.

Please choose **only one** of the following:

- Yes
- No

18. In the past year, please indicate how many ONE WAY trips were completed by members of your household. Please see the [Survey Guide](#) for clarification of one way trips.

Only answer this question if your answer was 'Yes' at question # 18.

Please write your answer(s) here:

- Short Haul Flight (<1.5 Hours)

- Medium Haul Flight (1.5 - 3 Hours)

- Long Haul Flight (3 - 5 Hours)

- Extended Haul Flight (>5 Hours)

19. Please indicate what proportion of air travel by members of your household was for business purposes. Please indicate this in the form of a percent (e.g., 30%).

Only answer this question if your answer was 'Yes' at question # 18.

Please write your answer here:

20. Please indicate if you or any member of your household purchases carbon offsets for air travel. If 'Yes', please indicate what percentage of travel is offset in the form of a percent (e.g., 34%).

Only answer this question if your answer was 'Yes' at question # 18.

Please choose **only one** of the following:

- Yes
- No

Make indicate the % here:

Other Information

21. How do you think your household compares to the Canadian average in the following areas?

Please choose the appropriate response for each item:

	Less Than	About the Same	More Than
Carbon Emissions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Land and Air Transportation Requirements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electricity Usage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Awareness of Environmental Issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Efforts to Reduce Emissions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability (e.g. Time, Financial Ability) to Reduce Emissions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

22. Please indicate if your household composts organic waste.

Please choose **only one** of the following:

- Yes
- No

23. Please indicate the average number of bags of non-recyclable garbage (to landfill) your household puts out per month.

Please write your answer here:

24. Please add any information regarding extra tree planting (not including the village Earth Day tree planting program as we already track those trees) that you have done in the last year. Please indicate the number, size (e.g., seedlings, saplings, mature) and species of the extra trees that you planted.

Please write your answer here:

25. Please feel free to make any comments or suggestions relevant to this survey or the Eden Mills Going Carbon Neutral program.

Please write your answer here:

Thank you very much for completing the Eden Mills Going Carbon Neutral Survey for the 2013 year. Based upon the information you have given your overall carbon footprint for the past year will be determined. All household results will help in evaluating the carbon footprint for the whole Village of Eden Mills.

Please submit your completed survey.