

# GET OFF GAS!...REDUCE YOUR CARBON FOOTPRINT

## KNOW YOUR FACTS!

Considering that two of the largest contributors of carbon dioxide are the building sector and the transportation sector, lets find out our individual contribution through Natural Gas used by our homes and Gasoline used by the cars!

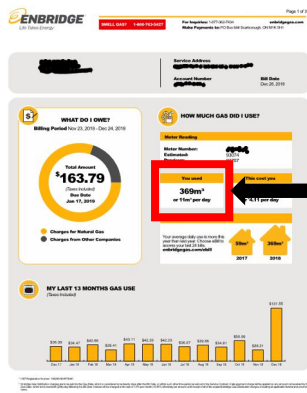
Name: \_\_\_\_\_

Number of residents: \_\_\_\_\_

### HOME:

Your 2030 Gas budget: 1.1 tonnes (t) CO<sub>2</sub> / yr  
Gas budget / No. of members in family = \_\_\_\_ t / yr  
(per resident)

Your home's current GHG emission contribution is based on your Natural Gas consumption:



Find your monthly usage of natural gas here, and add up for the whole year.....

**Your home's CO<sub>2</sub> emission contribution is:**  
**Total Natural Gas Used in (m<sup>3</sup>) /yr \_\_\_\_\_ x 0.0020 t/m<sup>3</sup>**  
**= \_\_\_\_\_ (Z) tonnes of CO<sub>2</sub> / yr\***

In order to reach the 2030 emission reduction goal (31% reduction to Ontario's 2014 residential emissions), in line with The Paris Agreement,

**You need to reduce your home's emissions by \_\_\_\_\_ tonnes (t) of CO<sub>2</sub>**

( Z ) - 1.1 = \_\_\_\_\_ t CO<sub>2</sub> / yr  
\_\_\_\_\_ % Reduction is required!

### TRANSPORT:

Your 2030 Gas budget: 1.6 tonnes (t) CO<sub>2</sub> / yr  
Gas budget / No. of users (same vehicle) = \_\_\_\_ t / yr  
(per driver)

Your car's current GHG emission contribution is based on its Gasoline consumption:

Average Distance covered by car annually = \_\_\_\_\_(A) kms  
(Total dist. covered by car / No.of years from mfg date)

Average Fuel Consumption = \_\_\_\_\_(B) Litres / 100 km



Find your car's average fuel consumption on the specs.....

**Your vehicle's CO<sub>2</sub> emission contribution is:**  
**(A) X (B) L/100 km x 2.1kg CO<sub>2</sub> / L x 1t / 1000 kg**  
**= \_\_\_\_\_(Y) tonnes of CO<sub>2</sub> / yr\***

In order to reach the 2030 emission reduction goal (31% reduction to Ontario's 2014 passenger transport emissions), in line with The Paris Agreement,

**You need to reduce your home's emissions by \_\_\_\_\_ tonnes (t) of CO<sub>2</sub>**

( Y ) - 1.6 = \_\_\_\_\_ t CO<sub>2</sub> / yr  
\_\_\_\_\_ % Reduction is required!

## WHAT CAN WE DO?..... WELL, USE SOME OF THESE STRATEGIES.....



ZERO EMISSION VEHICLES



NET-ZERO HOMES



REDUCE  
REUSE  
RECYCLE



REPLACE LIGHTS TO LED



PUBLIC TRANSIT



ENERGY EFFICIENT RETROFITS



SOLAR POWER

**Let's pledge to minimize our greenhouse gas emissions!**  
**Our Smallest of Efforts can make Big Impacts!**

GLOBAL  
**CLIMATE STRIKE**  
20-27 SEPT