

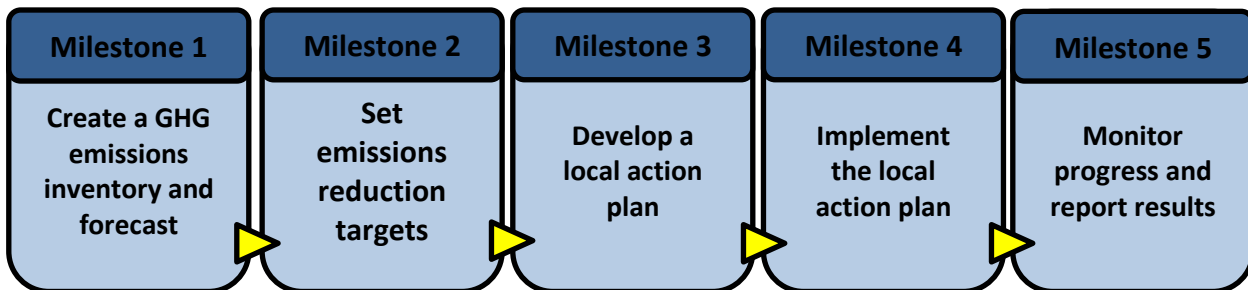


December 2020

Dear ICECAP members and community partners:

We are excited to share with you a short, year-end update on the ICECAP partnership for the Georgian Bay Biosphere region. Despite Covid-19, our partners have been active since the ICECAP launch in February.

As part of ICECAP, six municipalities in our region are now working through the Federation of Canadian Municipalities' *Partners for Climate Protection* (PCP) Program, which has 400 municipalities participating in Canada. The PCP program consists of a five-step milestone framework that guides municipalities in their efforts to reduce greenhouse gas (GHG) emissions:



Five of our ICECAP members (Archipelago, Carling, McKellar, Parry Sound, Seguin) have been working through Milestone 1 this year. We've calculated the total "**Corporate**" emissions of the operations of each ICECAP member Council (e.g. administration buildings, public arenas, fleet of vehicles, etc.) and the "**Community**" emissions from each participating municipality, using the types of data in the chart below. With the help of data collected through the Carbon Calculator, we believe that the GHG emissions calculated for each community are the first in Canada to include recreational boating. As suspected, waterborne travel is a significant contributor to GHG emissions in our region, and its inclusion has made our GHG emission profiles more accurate and representative.



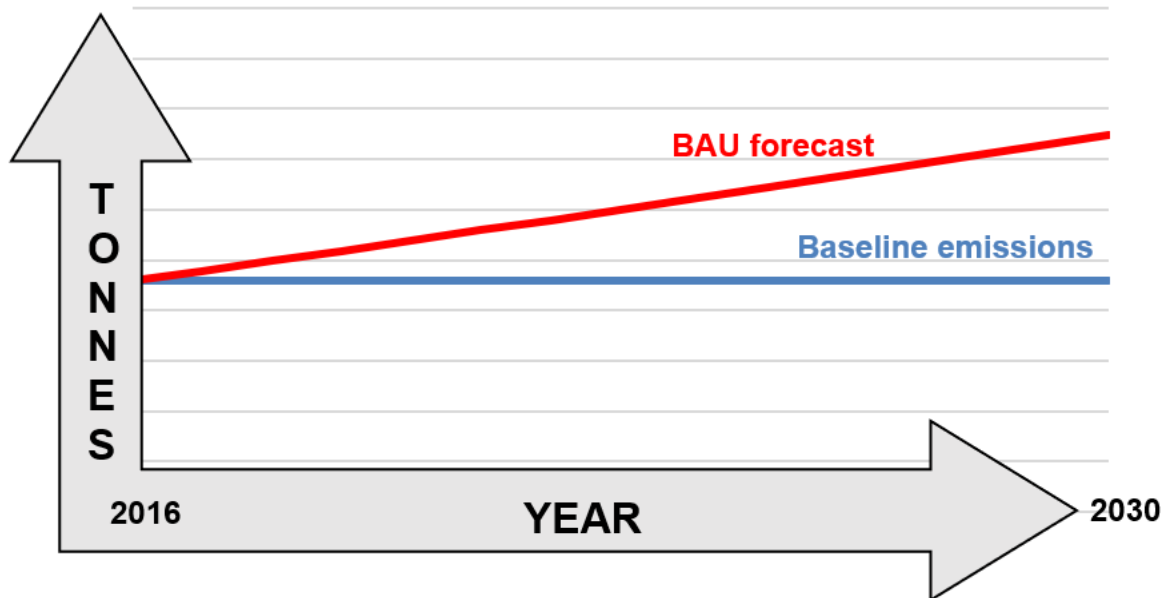
Community Baseline Data	
Residential	<ul style="list-style-type: none"> • Electricity (kWh) • Natural gas (m³) • Propane (L) • Fuel Oil (L) • Wood (cords or KG of pellets) • Population Statistics
Commercial & Institutional	<ul style="list-style-type: none"> • Electricity (kWh) • Natural gas (m³) • Propane (L) • Fuel Oil (L) • Population and building Statistics
Industrial	<ul style="list-style-type: none"> • Electricity (kWh) • Natural gas (m³) • Propane (L) • Fuel Oil (L) • Population and building Statistics
Transportation	<ul style="list-style-type: none"> • Vehicle kilometers travelled • Vehicle fuel efficiencies • Vehicle types and quantities • Watercraft numbers and traits • Watercraft usage (hours) • Off-road vehicle numbers and traits • Off-road vehicle usage (hours)
Waste	<ul style="list-style-type: none"> • Weight of waste produced (tonnes) • Composition of waste • Landfill waste ends up at • Landfill technology • Waste management practices • Population statistics
Business as Usual Forecast	<ul style="list-style-type: none"> • Population statistics • Property type statistics

In addition to providing critical information for the completion of Milestone 1, the Carbon Calculator has proven to be a successful tool for community engagement. Since its launch in July, the Carbon Calculator has captured the energy and emissions data of over 500 people, with 53% of respondents giving feedback/ comments about possible community projects that could reduce emissions and help us adapt to climate change.

Part of achieving Milestone 1 is to create a “Business as Usual” (BAU) forecast of GHG emissions for the year 2030, like in the graph below. We used the baseline year of 2016 (blue line) and projected emissions out to the year 2030 (red line). Our task in 2021 is to complete Milestone 2 by setting a GHG reduction target that is both ambitious and realistic for each community in our region. We hope that members of our community will be interested in joining virtual working groups for buildings, transportation, and waste to help set these reduction targets and offer input into the development of Local Action Plans, during Milestone 3.



Business as Usual Forecast



A Business as Usual (BAU) forecast shows how much GHG emissions would grow if no actions were taken to reduce them. In order to avoid GHG emissions growth, actions must be taken to reduce them.

Our communications were focused on a ‘Carbon Calculator’ contest for the end of summer, and a webinar series that is [available on YouTube](#) (or just search Georgian Bay Biosphere). Over 1,700 people have visited gbbr.ca/climate pages since March, and thousands more have been reached via social media posts from ICECAP partners.

ICECAP has also been profiled in several publications developed by community partners, including cottage associations, newspapers and magazines. We have participated in a PhD study at the University of Guelph and a study on climate change and health impacts in Northern Ontario, and are in conversation with several area First Nations about their community energy plans and potential membership in ICECAP in 2021.

Presentations to all participating Councils have been scheduled in December-January to share progress and propose a work plan and budget for 2021. All area Councils are always welcome, and we appreciate the support of community groups and organizations.

Thank you to our current ICECAP members, advisors and our community partners!

Your ICECAP Project Team,

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