

Climate Neutral

Software for Sustainability

Founder
Dr. Kyle Bassett

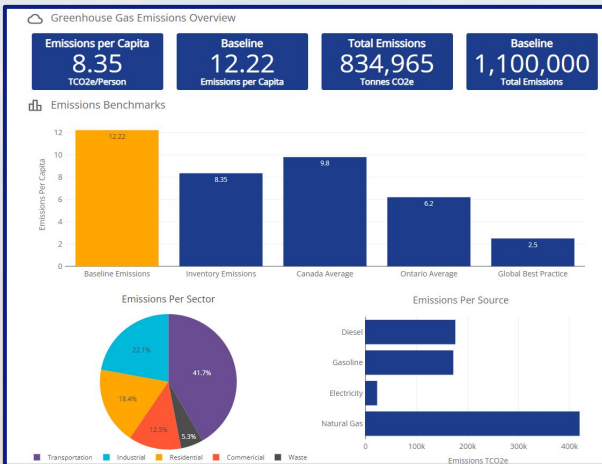
June 14, 2023

Technology for Climate Action

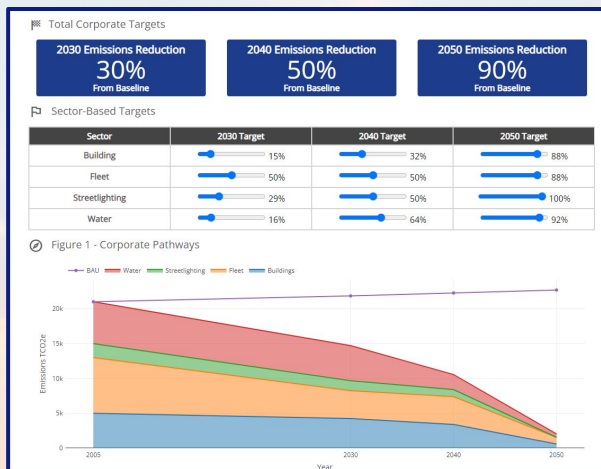


Data & The Software That Powers It

How do we assess current emissions levels and establish evidence-based targets?



How do we plan the implementation of mitigation actions that will meet our goals?



How can we measure progress and deploy resources efficiently and equitably?





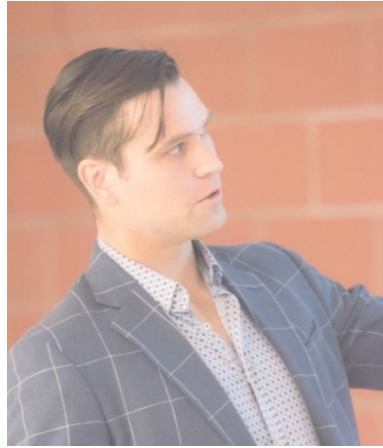
Empower communities of all sizes and economic levels to leverage their data to
Reduce Emissions and Grow Community Benefits



Outline

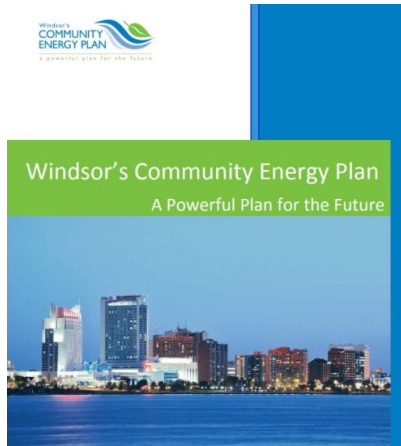
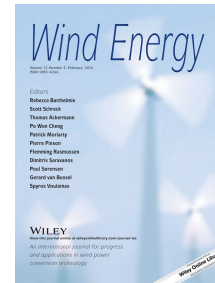
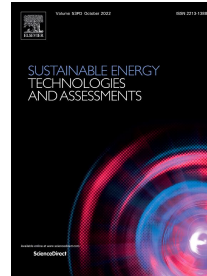
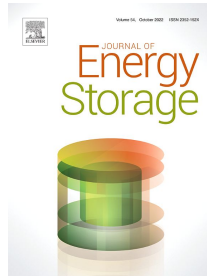
- 1:05–1:40 Presentation + Demo
- 1:40–1:50 Questions + Feedback
- 1:50–2:00 Group Discussion + Poll

Background and Experience



Ph.D. Civil Engineering – University of Windsor

- Focus: Climate Change Mitigation
- 14 Peer-Reviewed Research Publications 175+ Citations, 6 H-Index



Community Energy Planner – City of Windsor 2019–2022

- Engaging with stakeholders
- Implementing a newly approved plan
- Learning through working groups

I love applying research & data!

Challenges



Identified common roadblocks and barriers to change. So many of them revolve around data – how it's collected, analyzed and communicated

- Resource Intensive – Time, Money, Attention
- Requires Analytical Expertise and Capacity
- Expensive to outsource to consultants
- Traditional studies are a static snapshot based on available information



Highly dynamic and constantly evolving and our approach to data needs to evolve as well

Our Solution



Integrate your climate data analysis needs into an easy-to-use, web-based platform



Enhance in-house data analysis capabilities



Obtain climate data insights faster, more often



Better inform community and decisions makers

Informed decisions lead to better outcomes

Adopted best practices from climate action planning and climate emergency response and built them into interactive applications



Inventory
Monitoring and
Evaluation



Low-Carbon
Pathways



Mitigation
Action
Modelling

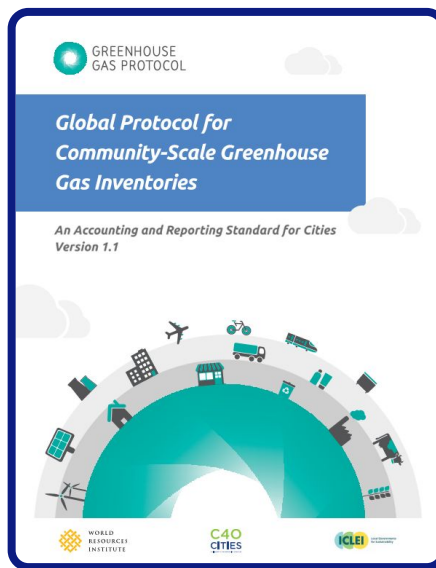
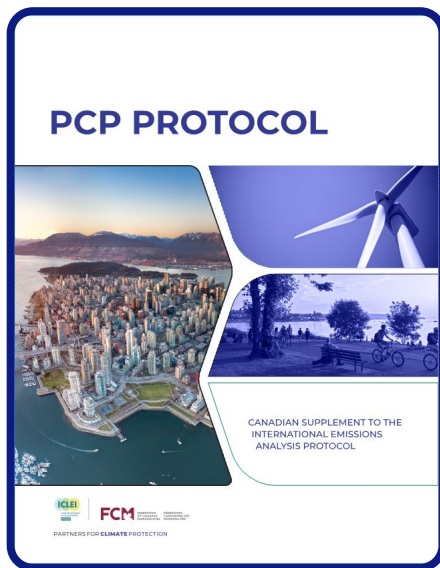


Carbon
Budgeting

Honed in on getting you the data deliverables
that your stakeholders are asking for

Built on the International Standard Frameworks you are familiar with

Partners for Climate Protection Milestones







Greenhouse Gas Protocol

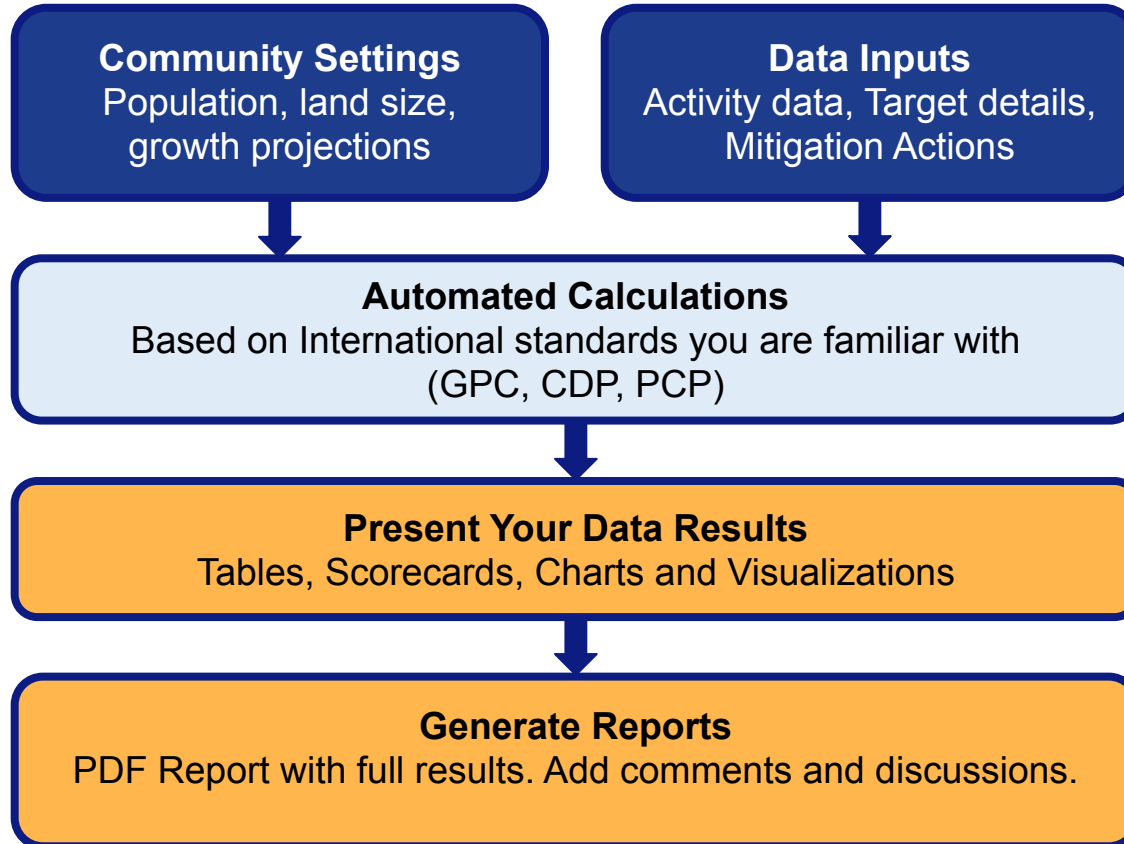


Data Analysis Modules

Available for Community-Wide or Corporate Scopes

Module	Analysis	Deliverable
 Inventory Monitoring and Evaluation	Conduct a baseline inventory or annual inventory update based on GPC protocol.	Baseline inventory report or annual emissions updates Supporting Milestones 1 & 5
 Low Carbon Pathways	Develop a low carbon pathway by investigating and establishing targets and business as usual parameters.	Pathway report with key performance indicators Supporting Milestones 2 & 5
 Mitigation Action Modelling	Create a data-supported emissions reduction plan integrating best practice mitigation actions and advanced analytics	Drawdown action plan report Supporting Milestones 3 & 4
 Carbon Budgeting	Determine your carbon budget for 2030, 2040, and 2050 horizons along with annual allocations for year over year accounting	Carbon budget with annual emissions allocations and tracking capability Supporting Milestones 4 & 5

How it works



Calculate

Interactive and Live

Requires no technical or
specialized knowledge

Technically robust and
verifiable

We've built our system with the unique data privacy considerations of the public sector



Cloud Access - No programs are installed on your computer



User data is not stored on our servers - you save and control your data



Can run on virtually any computer or laptop

This unique approach allows for secure interoperability



Fully Scalable to every municipality across the country



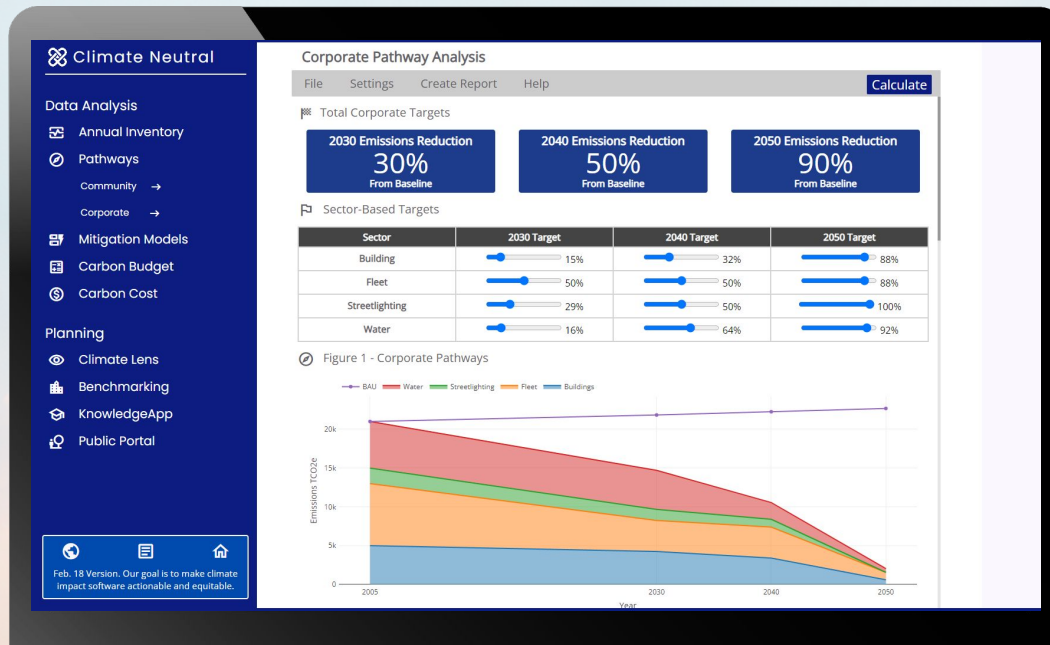
Easily share models and scenarios with colleagues and collaborators



Unlimited model creation - create as many models and scenarios as you wish

Climate Neutral

Quick Demo of Software



Collaborative Approach

Formation of a working group of communities looking to complete modules together

90 Min. Work Sessions

Theory, Training and Support

Interpreting Results

Data Collection Guide



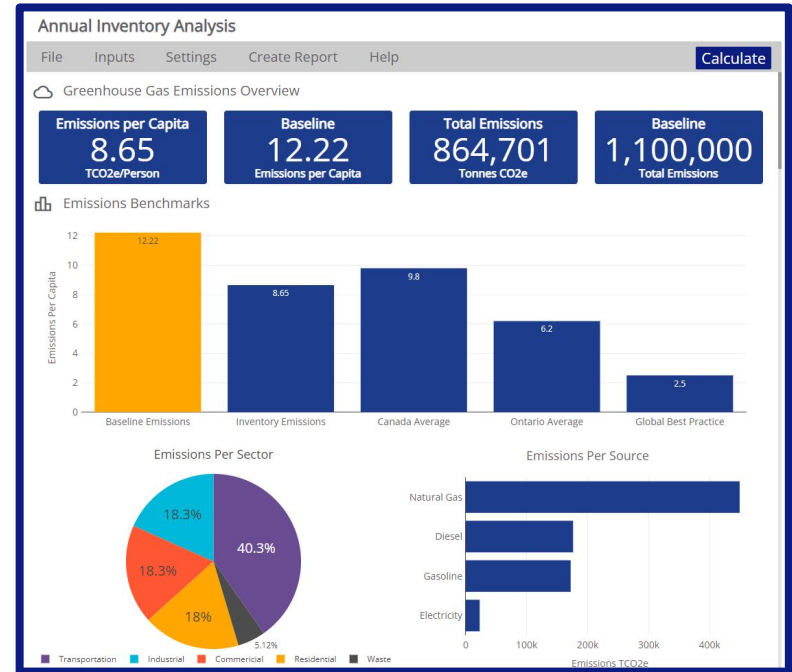
Work Group Outcomes

This working group aims to enhance your climate action efforts by providing vital data for effective engagement with stakeholders, as well as offering resources to establish a sustainable data practice within your community.

Data deliverables

Sharing of best practices

Overcome hurdles together



Population Based Pricing

We've positioned our software to be as accessible as possible with pricing scaled to population size. Select modules individually based on your community needs

#	Module	Small	Medium	Large	Metro
Corporate Municipal Scope					
M1	Corporate Inventory	\$500	\$1000	\$1500	\$2000
M2	Corporate Pathways and Targets	\$500	\$1000	\$1500	\$2000
M3	Corporate Mitigation Action Planning	\$1000	\$1500	\$2000	\$2500
M4	Corporate Carbon Budgeting	\$500	\$1000	\$1500	\$2000
Community Scope					
C1	Community Inventory	\$600	\$1200	\$1800	\$2400
C2	Community Pathway Analysis	\$600	\$1200	\$1800	\$2400
C3	Community Mitigation Action Planning	\$1200	\$1800	\$2000	\$2500
C4	Community Carbon Budgeting	\$600	\$1200	\$1800	\$2400

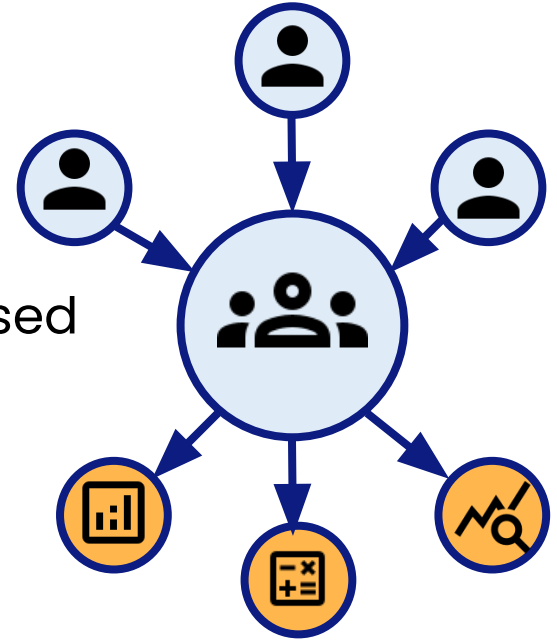
Small = 0 - 30k. Medium = 30-150k. Large = 150-300k. Metro = 500k+

Pricing for reference only on 6.14.23. Please see individual pricing proposal. +HST where applicable.

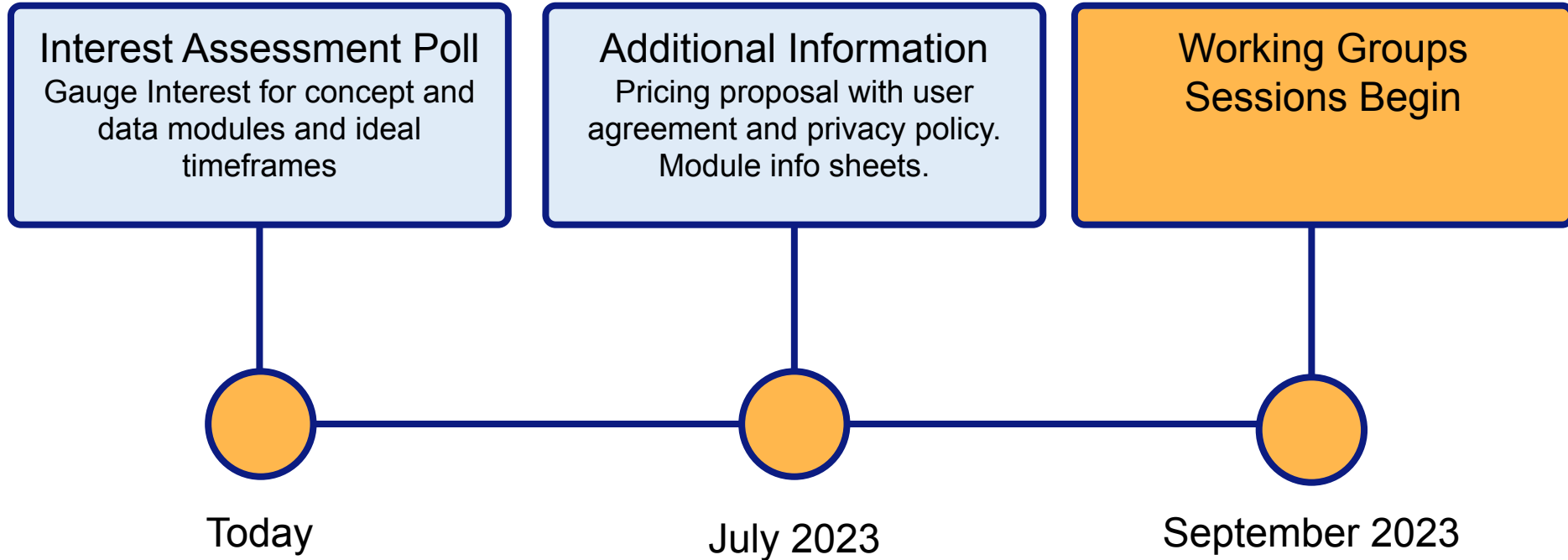
What's Included?


Included in the cost;

- Participation in work group sessions
- 1 year subscription to software module used
- Individual 1 on 1 support
- 2020 Benchmarking Tool (Group Bonus)
- Pricing held through 2024 for work group members



Next Steps





Thank you!
Questions and Feedback

kyle@climateneutral.ca



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Reduce Emissions and Grow Community Benefits

