

Welcome to the:

New Buildings Low Carbon Transformation Webinar

Wednesday September 18th, 2019

We will begin at 2:00 pm

**Presentations and webinar recording will be shared
post webinar via an email that will be sent out.**



Clean Air Partnership

Agenda

- **Fernando Carou from the City of Toronto will speak to the Toronto Green Standard's (TGS) energy and emissions requirements, and how they use the developer submitted energy modelling report to move developers through the different Tiers of the TGS.**
- **Chris Frankowski from RWDI will be presenting the suggested changes to the COMPASS energy modelling benchmarking tool that would better enable COMPASS to serve as an education and benchmarking tool for energy modelling reports if they are required as part of a complete development application.**
- **Andrew Pride from Andrew Pride Consulting who will be speaking to where the National Model Building Code is headed.**

Webinar Instructions

- I will keep the lines muted just to reduce background noise.
- If you have any questions please raise your hand or send me a chat/question
- If you are not connected up via a headset or phone you will have to chat in your question
- Presentations and recording will be shared post webinar

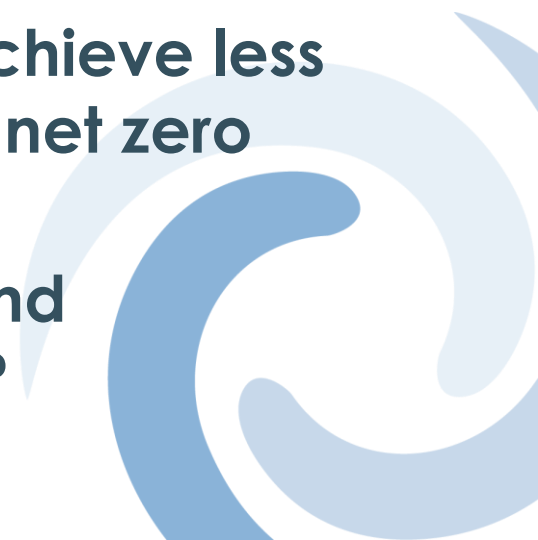
Background

- The Ontario Building Code does have energy efficiency requirements within it
- BUT we know that is isn't yet where we need to go
- New buildings will have to out perform existing buildings



Where We Need to Go

- **Net zero emission buildings by 2030 (at the latest)**
- **Everything built below net zero emissions will need to be retrofitted**
- **Those retrofits will cost more and will achieve less results than if it had been built with the net zero emissions goal**
- **We want to increase the recognition and construction of net zero buildings ASAP**



What We Need to Do

- Increase developer education and uptake to higher than OBC energy requirements
- Better understand what the real barriers are, what the perceived barriers are and who is just making up excuses to not going above legal requirements
- Advance policies to prepare and accelerate the direction the market is going in
- Increase awareness of buildings being built to these standards

Where We Are Now

- **Municipalities are advancing Green Development Standards**
- **Toronto Green Standard Version 3 – Tiered System towards net zero emissions – requires modelling report**
- **Brampton, Vaughan, Richmond Hill, Halton Hills Green Development Standards – better than code metrics**
- **More municipalities advancing green development standards**
- **Little uptake of better than code metric**
- **Keep in mind – Green Development Standards are about way more than just energy & emissions – we are just focusing on that metric for this webinar**

Pathway Forward

- How to work with developers to advance towards net zero emission buildings
- The role energy modelling can play in developer education and increasing uptake to green development standards
- The role the national building code plays in moving the market and setting a path forward



Thank You!

- To our presenters for taking the time and effort to share their expertise and experience
- To all of you for joining the webinar and continuing your efforts to advance green development standards within your jurisdiction
- We want to better understand what help we can provide to support your efforts
- Please let us know any suggestions/input you have