

Sherry, Annie

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**From:** Peggy Cameron <[REDACTED]>  
**Sent:** Friday, October 6, 2023 11:31 AM  
**To:** Sherry, Annie  
**Subject:** [External Email] Request for presentation to HRM's CPED committee

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Hi Sherry.

I'm writing to ask that I am able to present to the CPED at their next scheduled meeting.

Thank you and good wishes for a beautiful Thanksgiving weekend.

Peggy Cameron

Dear HRM CPED Committee Members,

I'm writing to request the opportunity to present to the HRM Community Planning and Economic Development standing committee about greenhouse gas emissions or upfront carbon associated with construction, developments and demolitions. These make up 11% of global greenhouse gas emissions. I will also present some of many policy recommendations for reducing these emissions.

This presentation will be based on my report [Buildings For a Climate Crisis - A Halifax Case Study](#) which uses a Halifax based case-study. As a long time climate change researcher, writer and renewable energy proponent and wind energy business owner I researched and wrote the report to better understand the role of upfront or embodied carbon in the climate crisis and how it can be reduced in the building, demolition and construction industry. It reveals the high levels of greenhouse gas emissions (GHGs) released up-front by construction (especially high-rises), developments, and demolitions.

By comparing these to more climate-friendly buildings (carbon-neutral or carbon-positive) the presentation will offer scenarios that are better matched for the urgent need to reduce green house gas emissions. Since writing the report there is increasing action in many jurisdictions to address up-front carbon emissions but to also optimize building design for density, climate and also important to these times affordability. Action to reduce upfront carbon emissions is now understood to be critical as it effectively stops emissions now, in the present whereas energy efficiency reduces future energy use.

Thank you for your consideration,

Peggy Cameron, MES  
Vice-president Black River Wind Ltd.

# Friends of HALIFAX COMMON



## Buildings For the Climate Crisis – A Halifax Case Study by Peggy Cameron

This new report **"Buildings for the Climate Crisis – A Halifax Case Study"** by **Peggy Cameron, MES** reveals the high levels of greenhouse gas emissions (GHGs) released up-front by high rise construction, developments, and demolitions. By comparing these to more climate-friendly in-fill buildings (carbon-neutral or carbon-positive) it offers scenarios that are better matched for what society and Earth need at this time.

More information and download the report below:

For the report a Canadian interdisciplinary climate change strategy consultancy *Mantle Developments*, conducted preliminary estimates of global warming gases associated with:

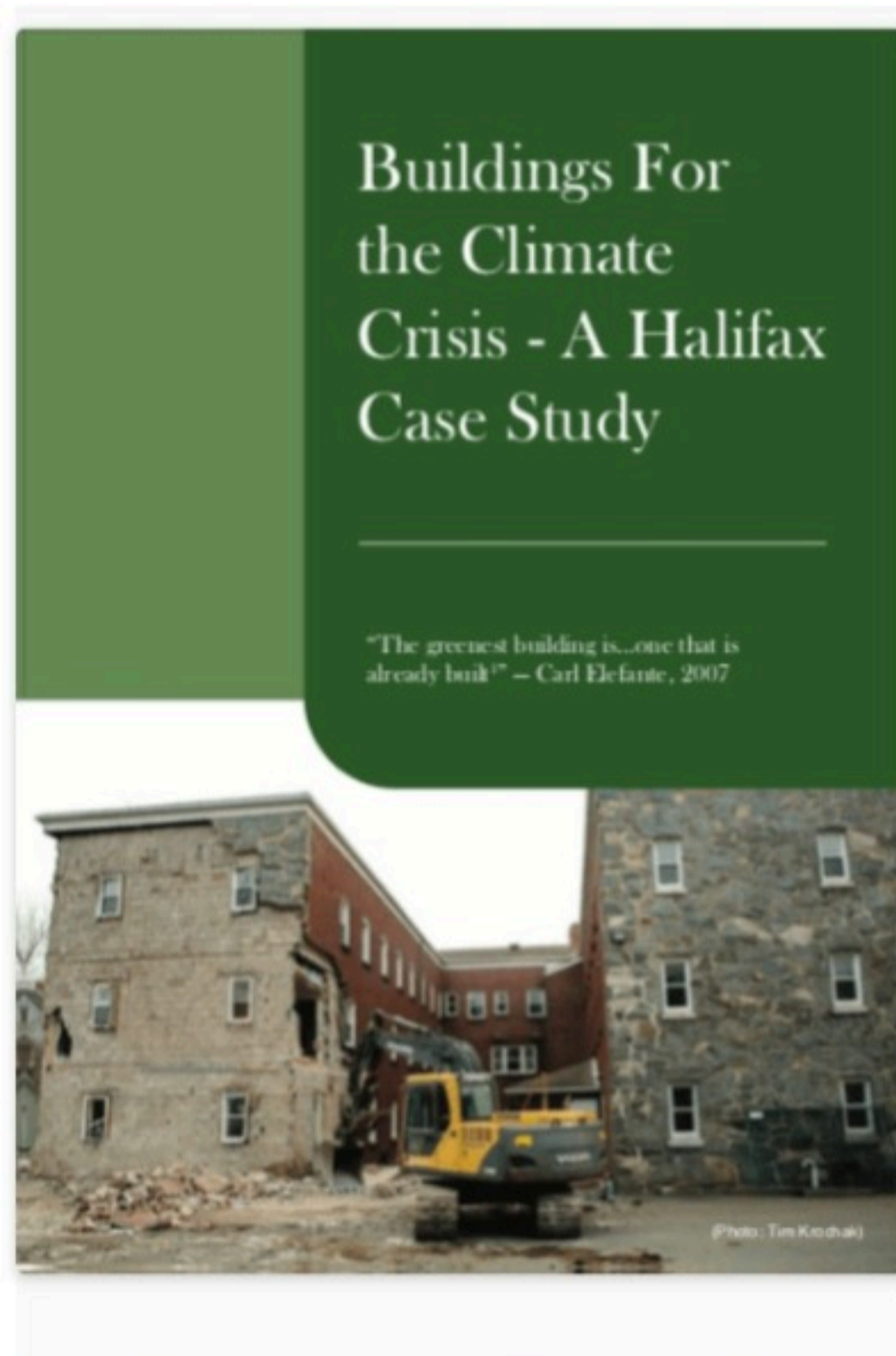
- two Halifax based proposals;
- the associated demolition of 12-14 historic houses;
- the replacement of the demolished floor area, equivalent to a 12-storey building and,
- a 9-storey in-fill option modeled by the citizen's group *Development Options Halifax*.

The report details impacts of the present developments and associated demolitions on the climate crisis and links this to the affordable housing crisis.

This report proposes options in the path forward including policy recommendations for what needs to change if we are planning for an inclusive society and for environmental remediation. With the release of this report the author aims to encourage all parties to seize this important and timely opportunity to re-think accepted practices of the building, construction, and demolition industry.

Globally, green houses gasses (GHG's) from the materials and products used to build buildings equal ~ 11% as embodied or upfront carbon and approximately 29% as operational carbon from heating, lighting and cooling.

### DOWNLOADS:



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[Buildings for the Climate Crisis](#)

Download Executive Summary:

[Buildings For the Climate Crisis -Executive Summary](#)

Download for Policy Makers:

[Building For the Climate Crisis – The Path Forward and Recommendation](#)

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