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To: "Direct to Mayor and Council - DL"
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Subject: Climate Emergency Questions 2

Greetings Mayor and Council

Answers to additional questions included below:

1. The graph shows that vancouver's carbon emissions have been going up for the last 3 years. Why is that?
A: Three cold winters have led to more natural gas used to heat our buildings. This indicates we need to do more work to make our buildings more energy efficient to be resilient to colder winters (and warmer summers).
2. What is the relation of carbon emission targets to actual carbon emission achievement
A: We have not met our previous targets. However our ambitious targets have led to real reductions and we have strong policies in place because of those targets. The proposed carbon budgeting approach is intended to improve our ability to keep on track for our targets.
3. What will the impact of having a walkable city be on density and will it imply that we need more density?
A: Some form of density will occur in Vancouver because we are growing, regardless if we make it walkable. A walkable city will ensure that density is affordable and sustainable.
4. Do we count the co2 emissions required to do things like build the new carbon free heat and hot water systems.
A: the embodied emissions with zero emissions heating systems aren't currently included in our ghg inventory, but we are increasingly accounting for them in our analysis to ensure we don't pursue solutions with unintended consequences.

Best

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The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the Musqueam, Squamish, and Tsleil-Waututh peoples.