

zebx Decarb Lunch Series

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What's the Data Telling Us? Insights on the Step Codes

Tue Jan 27, 2026
12 - 1pm PST
Free Webinar
zebx.org



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TQ construction





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Leading Advocate of the Residential Construction Industry in BC

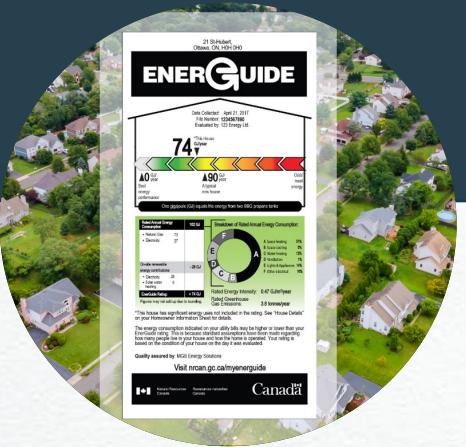
WHAT'S THE DATA TELLING US?

Insights on the Step Codes

January 27, 2026



KNOWLEDGE MOBILIZATION



ENERGY LABELLING
AND BENCHMARKING

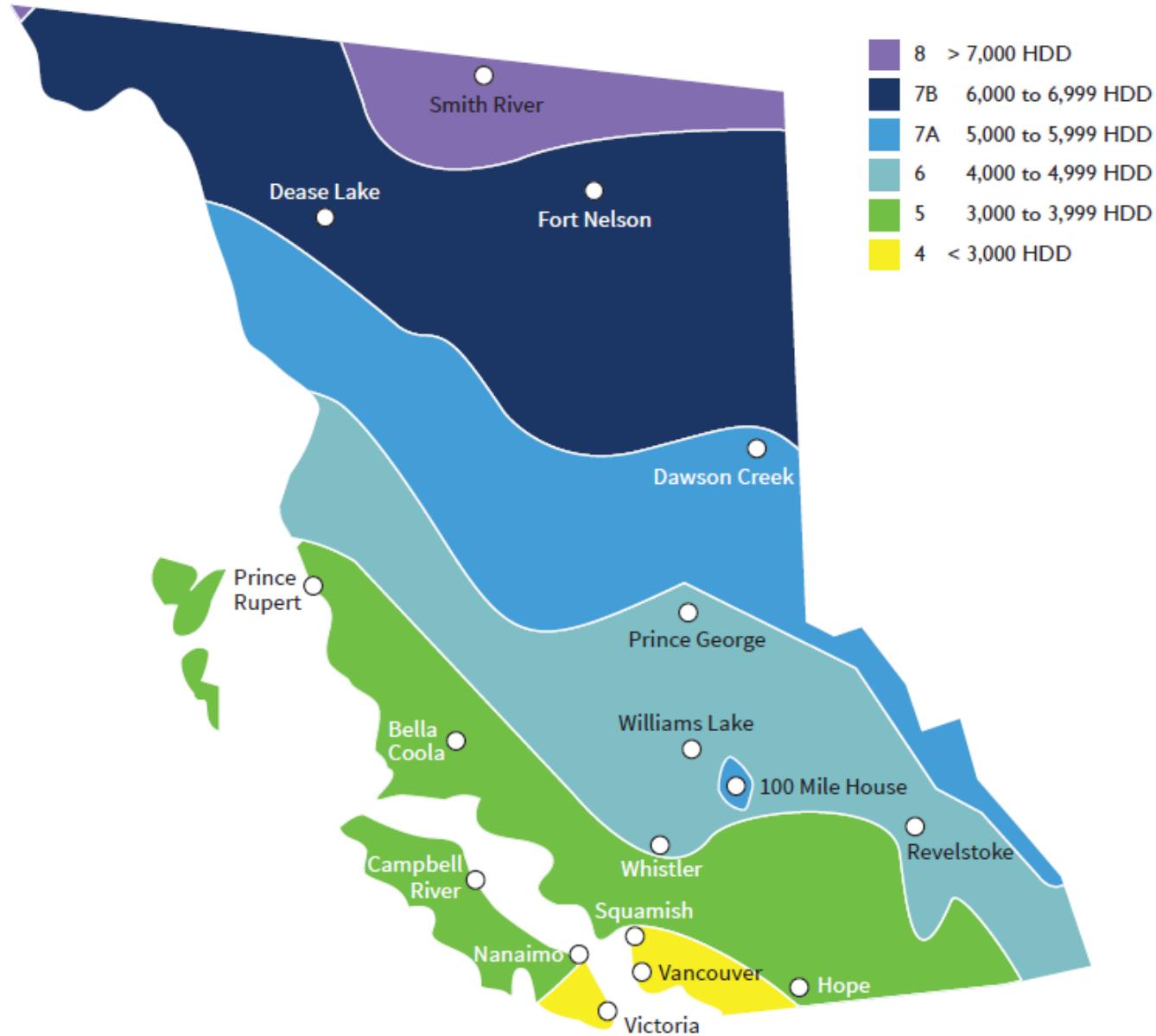


TRAINING DEVELOPMENT
AND DELIVERY



BUILT HOMES





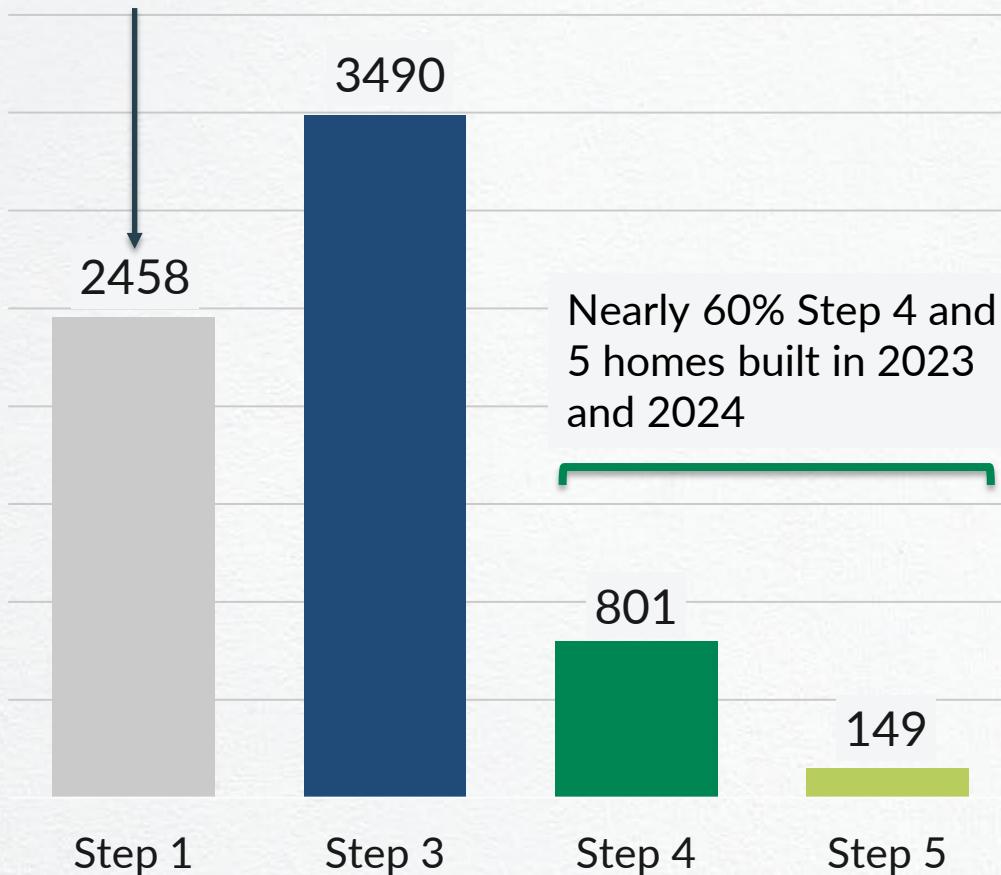
Energy and Carbon Benchmarking

- 6898 Built homes
- From 2020 to 2025*
- Climate Zones 4 to 7A



ENERGY AND CARBON BENCHMARKING (2020-2024)

Permitted before
Step Code requirement



3652

Nearly 50% homes achieve EL-2 or better

25% homes achieve EL-3 or better

1626

EL-1

1474

146

EL-3

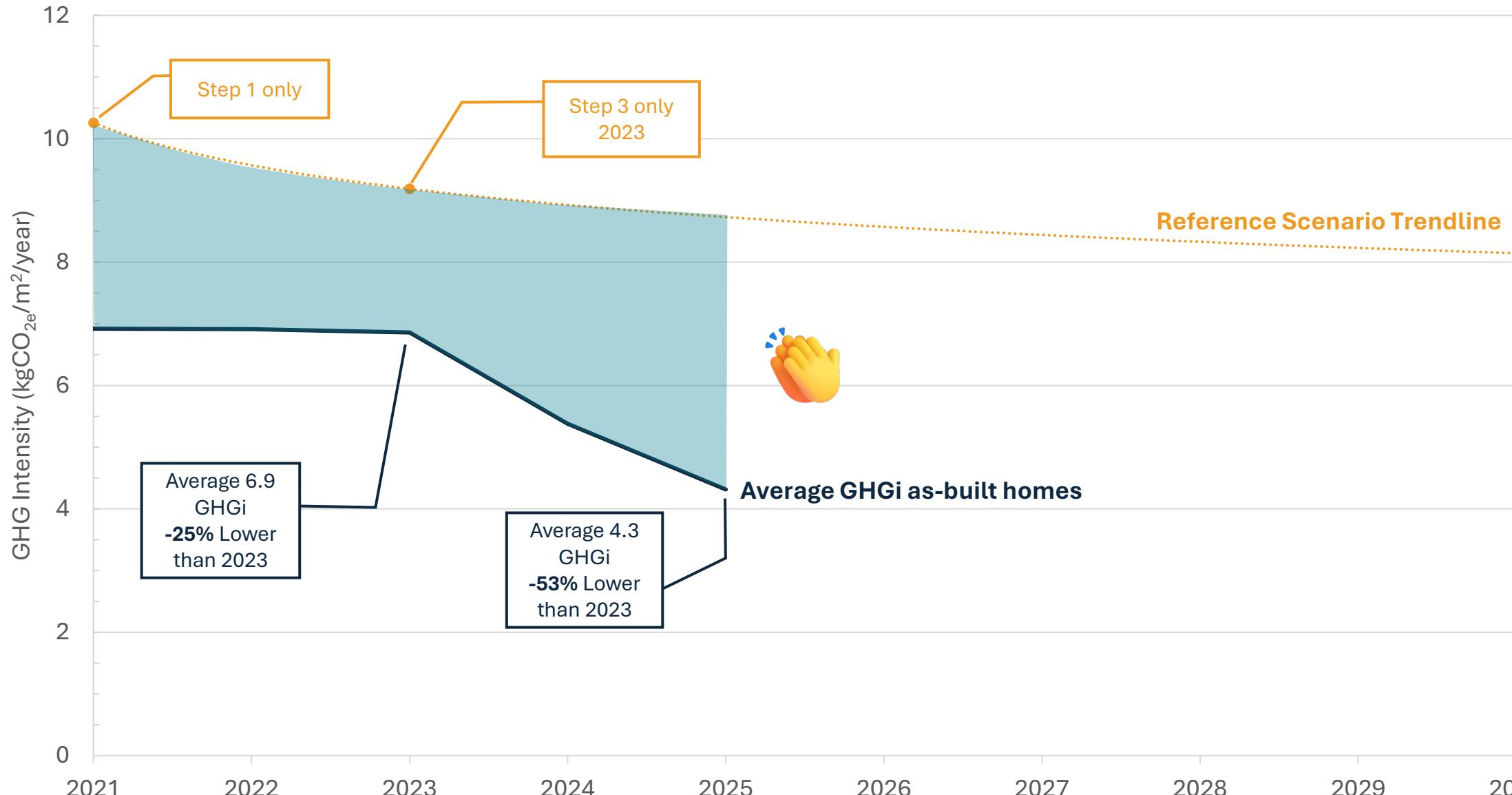
EL-2

EL-4

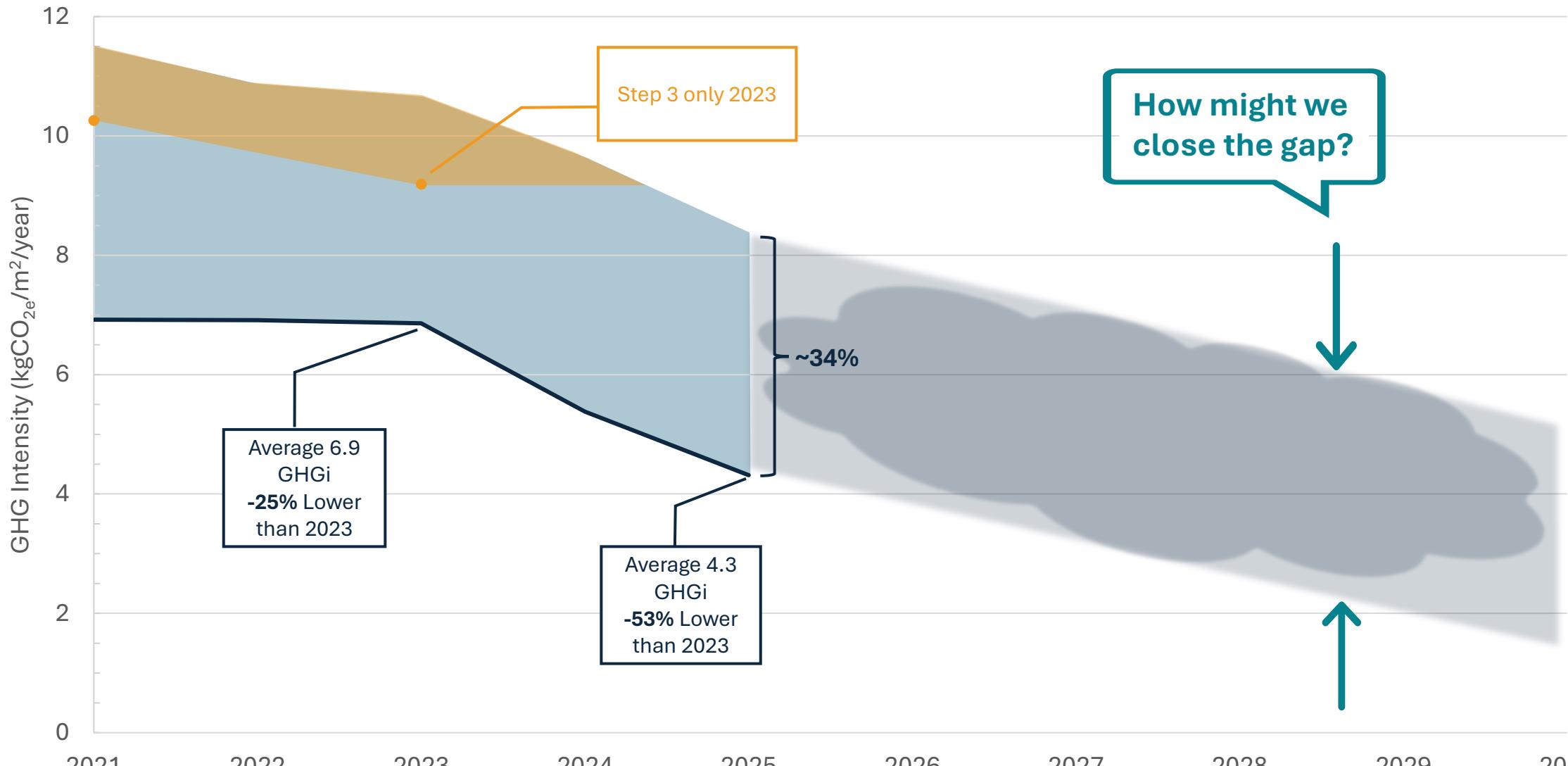
Nearly 60% Step 4 and 5 homes built in 2023 and 2024



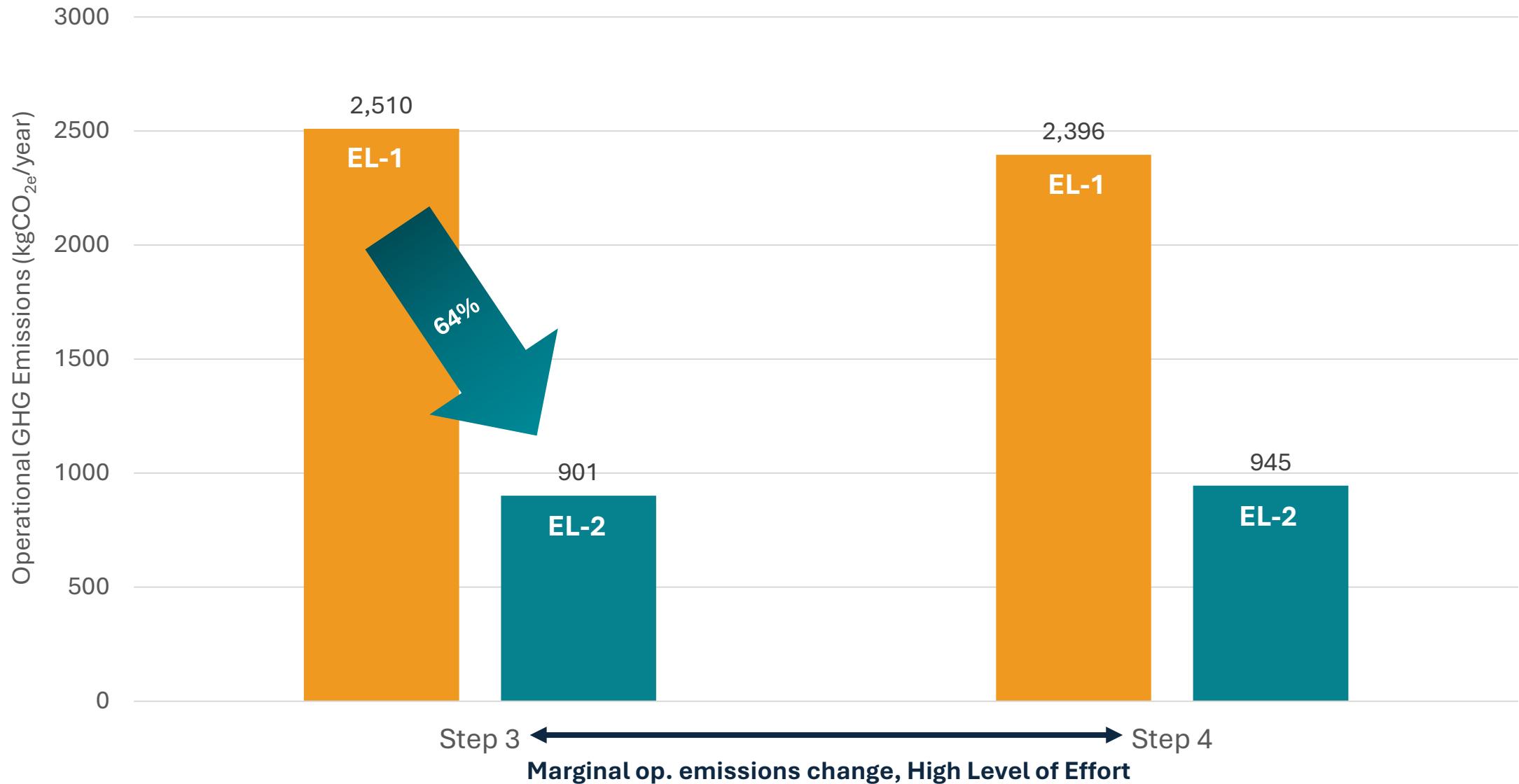
Average GHG Intensity for BC Low-rise Residential New Construction to Date



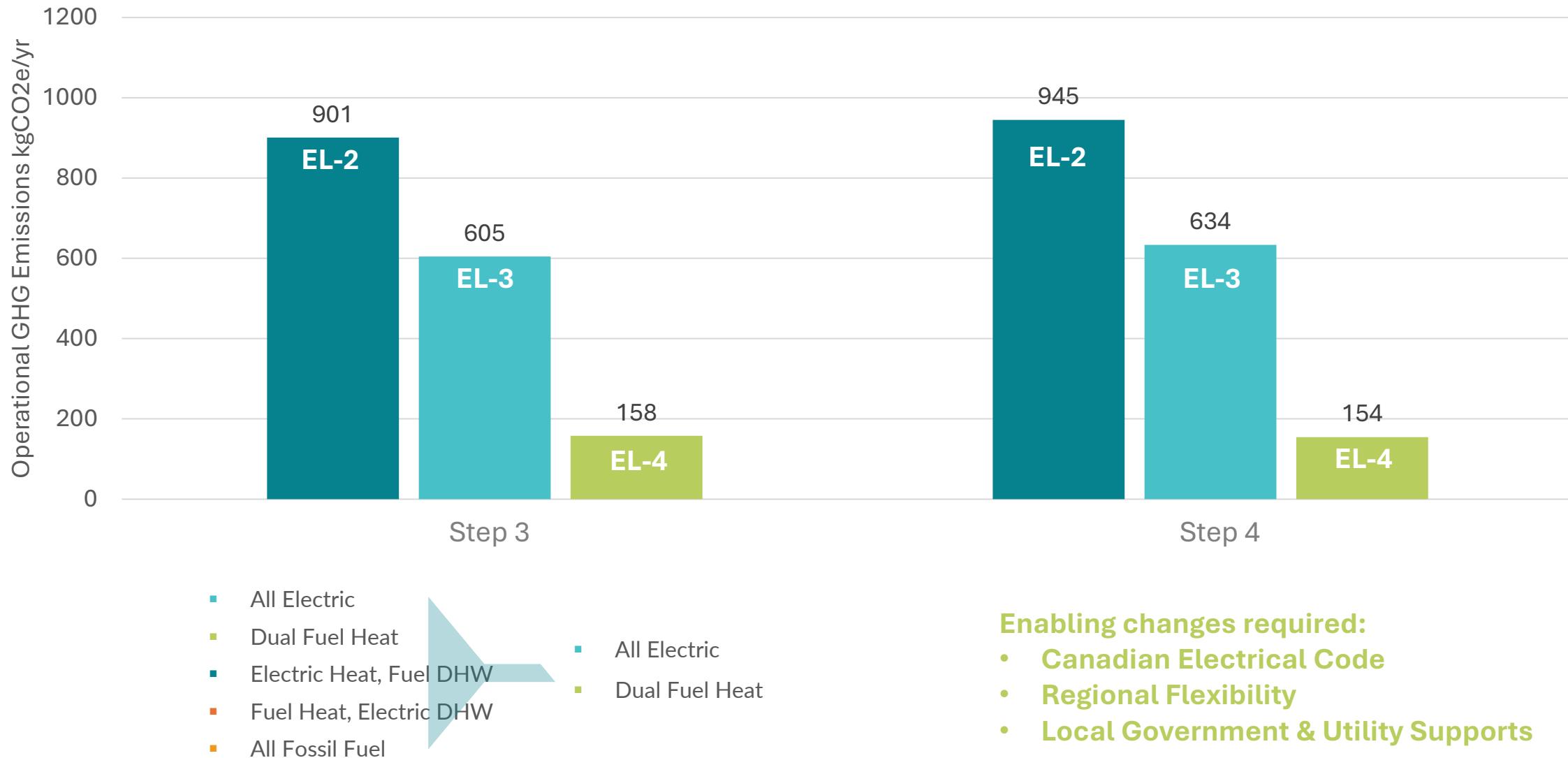
GHG Intensity for BC Low-rise Residential New Construction over Time



Average GHG Emissions for Energy Step 3 and 4 Homes

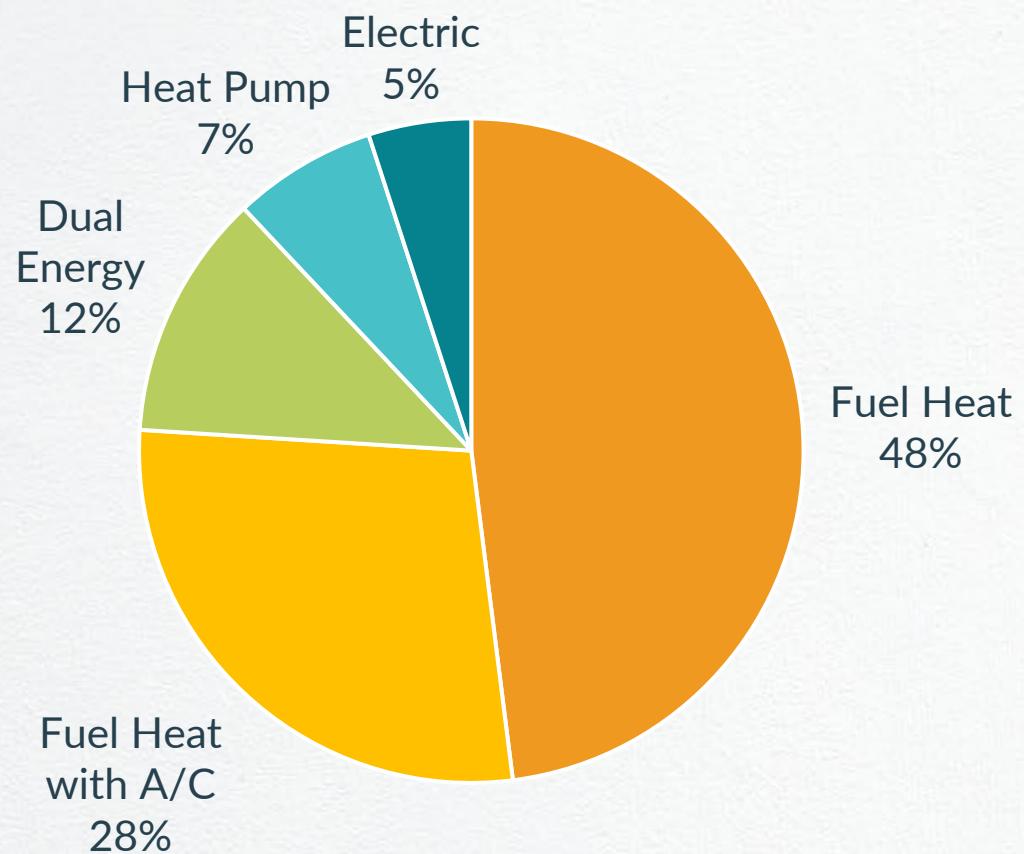


Average GHG Emissions for Energy Step 3 and 4 Homes

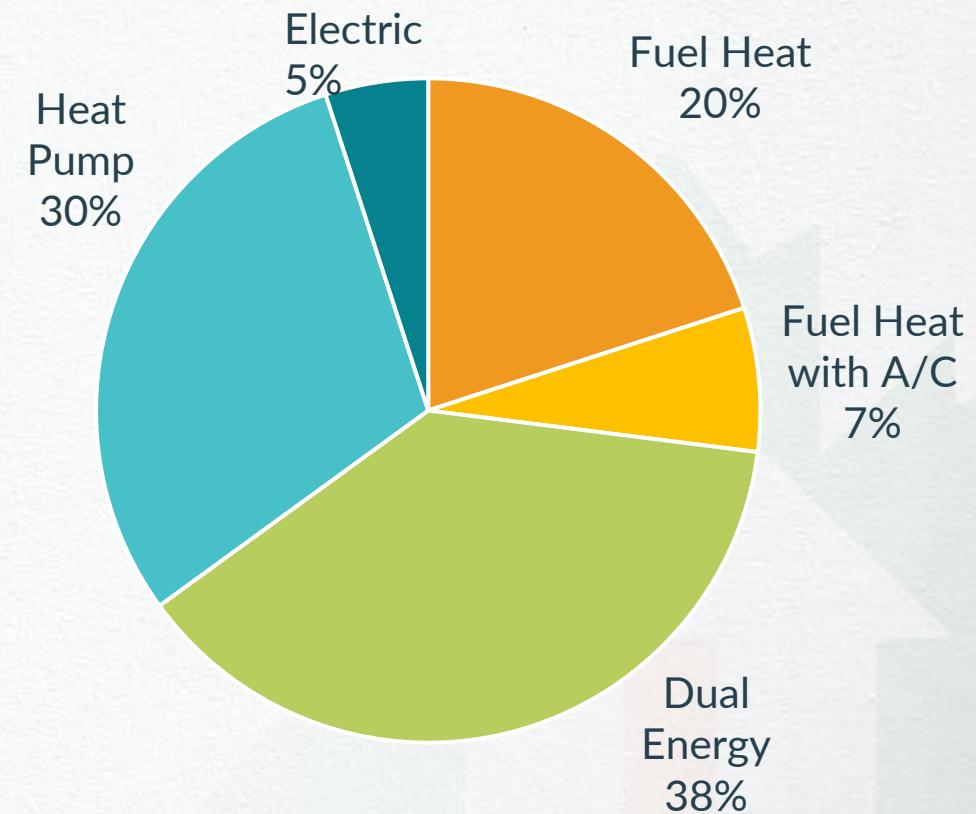


Regionalized Data

Metro Vancouver 2024:
Heating Systems ~ $\frac{1}{4}$ Low Carbon Ready



Metro Vancouver Steps 4 and 5:
Heating Systems ~ $\frac{3}{4}$ Low Carbon Ready



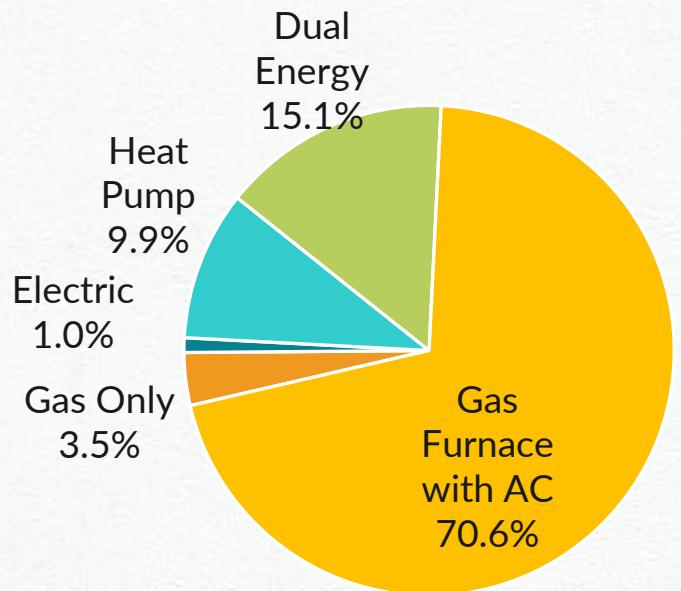


Report: 98 Percent Of U.S. Commuters
Favor Public Transportation For Others

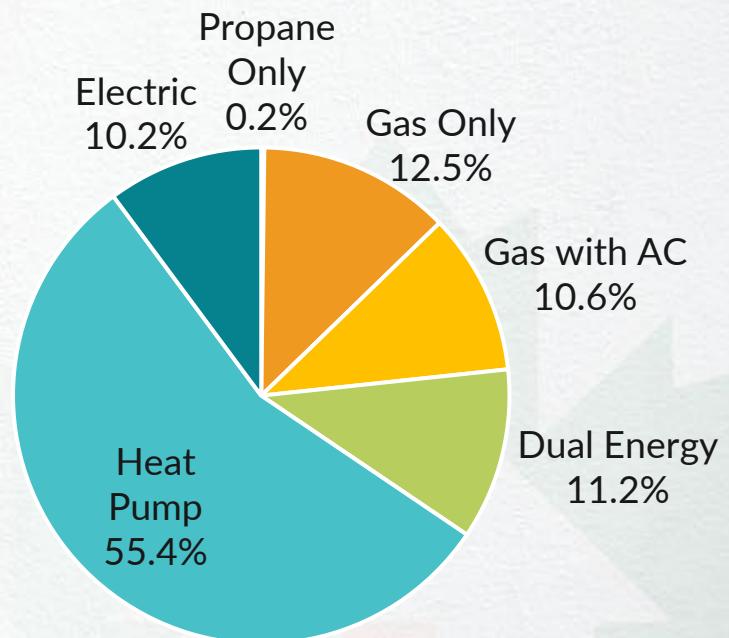


Regionalized Data

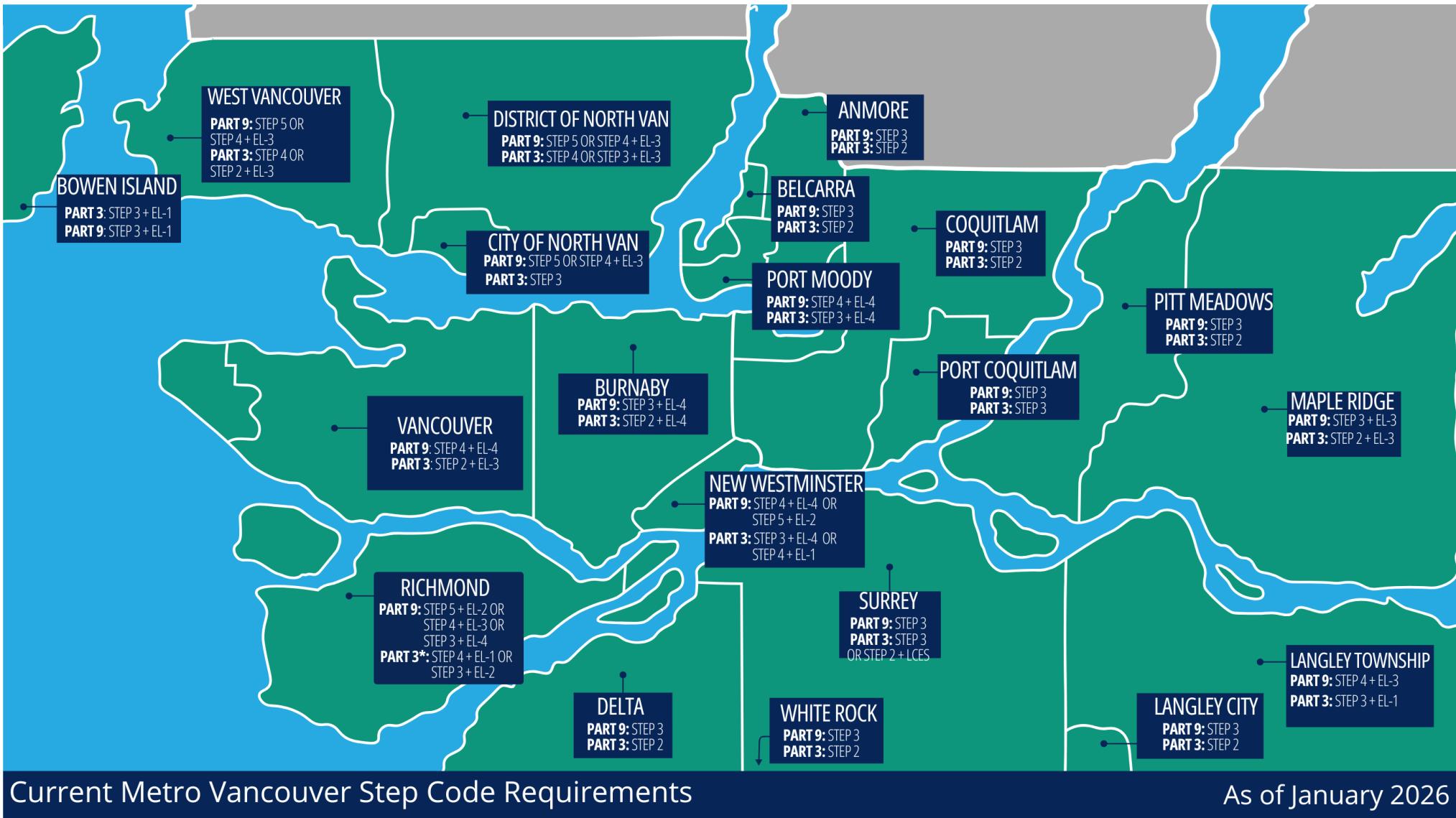
Thompson Okanagan Region
~ $\frac{1}{4}$ Low Carbon Ready



Vancouver Island
~ $\frac{3}{4}$ Low Carbon Ready



STEP CODE ADOPTION BY JURISDICTION



TIER ENERGY CODE ADOPTION BY PROVINCE

Prov	Code Implementation Date	Mandatory Energy Tier (Part 9)
BC	May 1, 2023	Step 3
AB	May 1, 2024	Tier 1 (modified)
SK	January 1, 2024	Tier 1 (Tier 2 rescinded)
MB	January 1, 2024	Tier 1
ON	January 1, 2025	SB-12 (~Tier 2.5)
QC	April 17, 2025	2020 Quebec Construction Code
NB	May 2025	Tier 2
PE	May 1, 2024	Tier 1
NS	April 1, 2025	Tier 1
NL	No provincial adoption of NBC Tiers.	
YT	April 1, 2023	Tier 1



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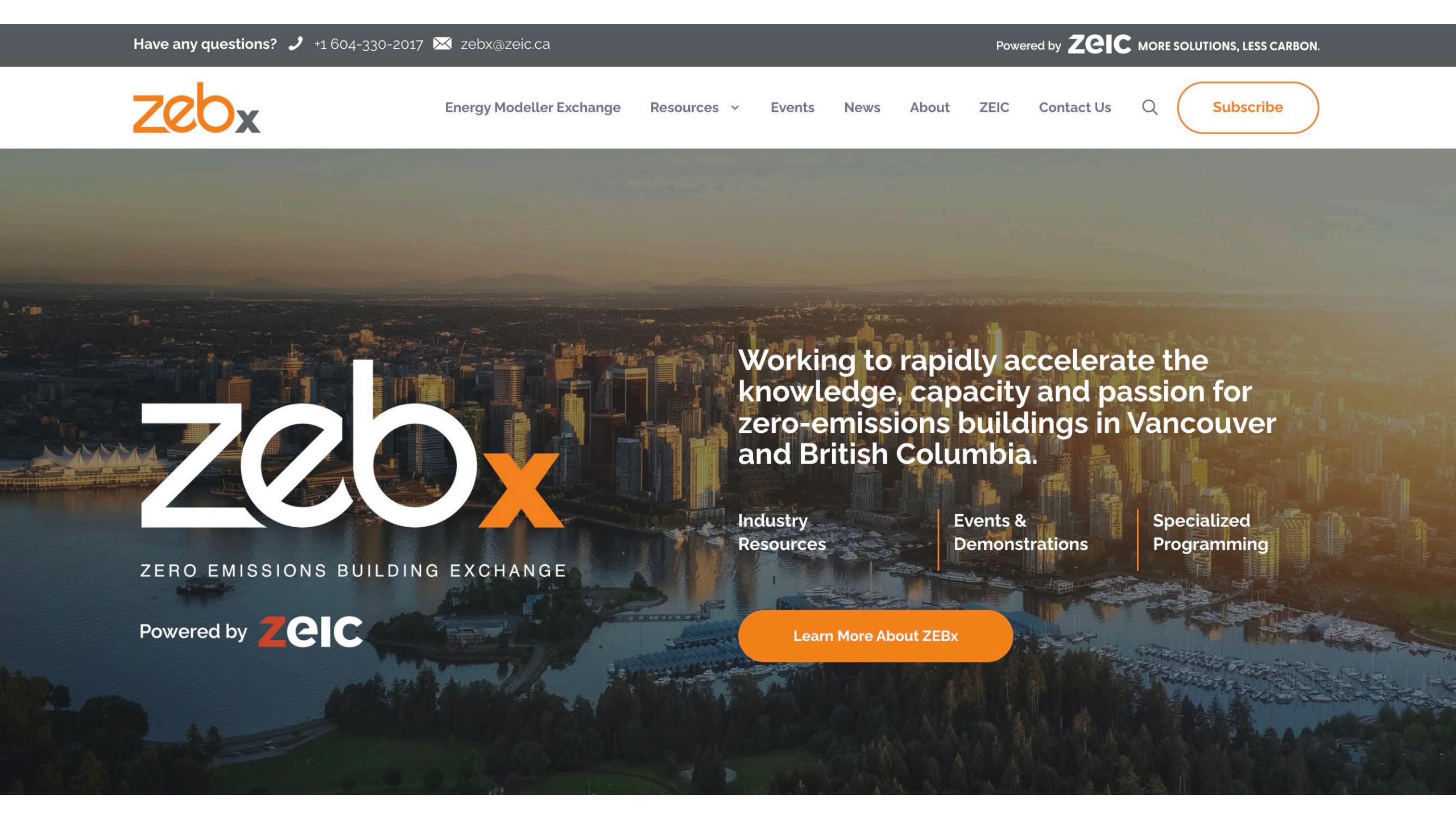
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