

# 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](https://zebx.org)



CANADIAN  
HOME BUILDERS' ASSOCIATION  
**BRITISH COLUMBIA**



TQ construction







CANADIAN  
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**BRITISH COLUMBIA**

*Leading Advocate of the Residential Construction Industry in BC*

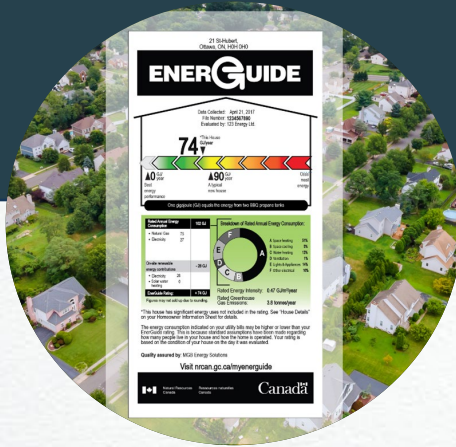
# WHAT'S THE DATA TELLING US?

## Insights on the Step Codes

January 27, 2026



# KNOWLEDGE MOBILIZATION



**ENERGY LABELLING  
AND BENCHMARKING**



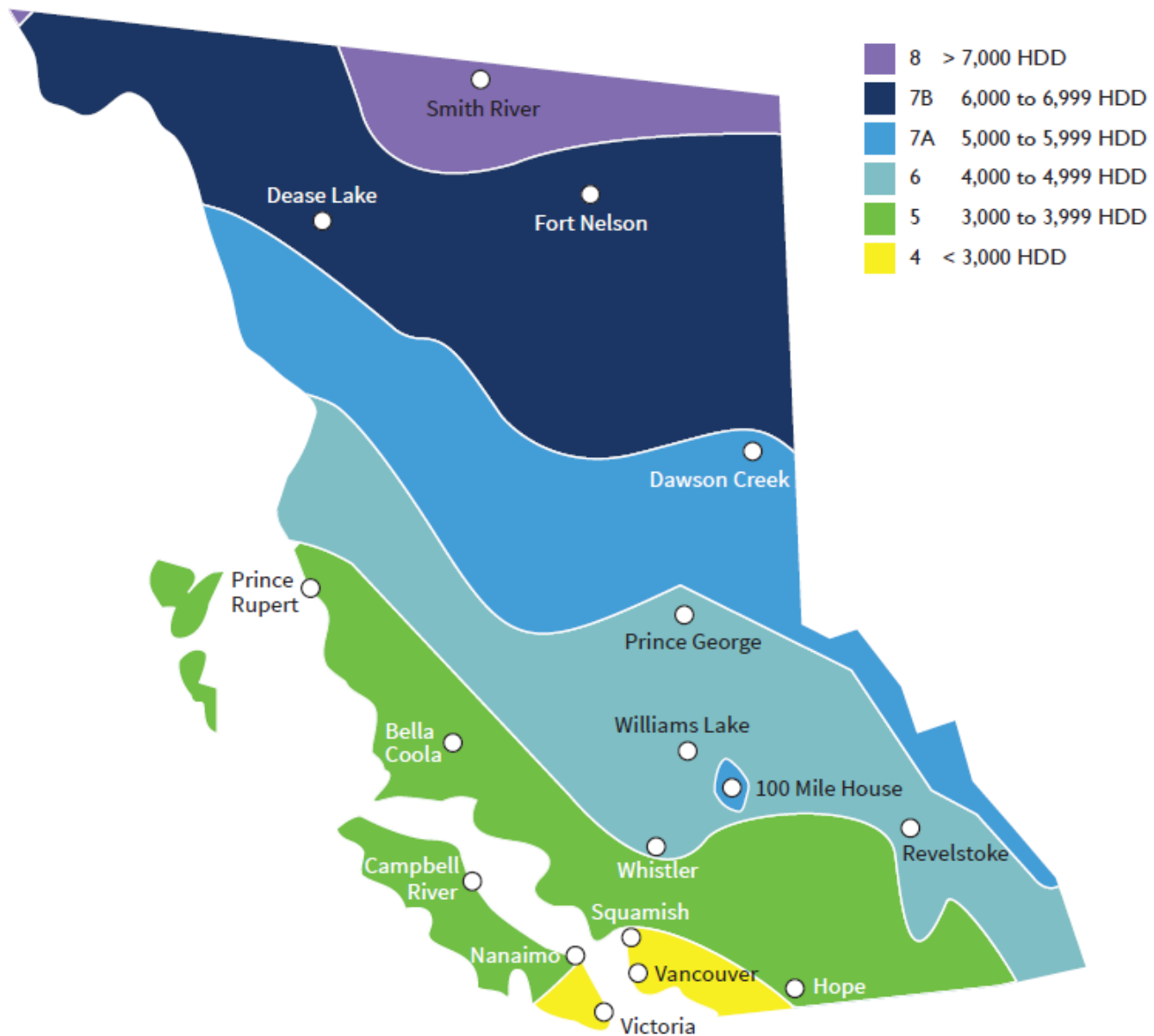
**TRAINING DEVELOPMENT  
AND DELIVERY**



**BUILT HOMES**







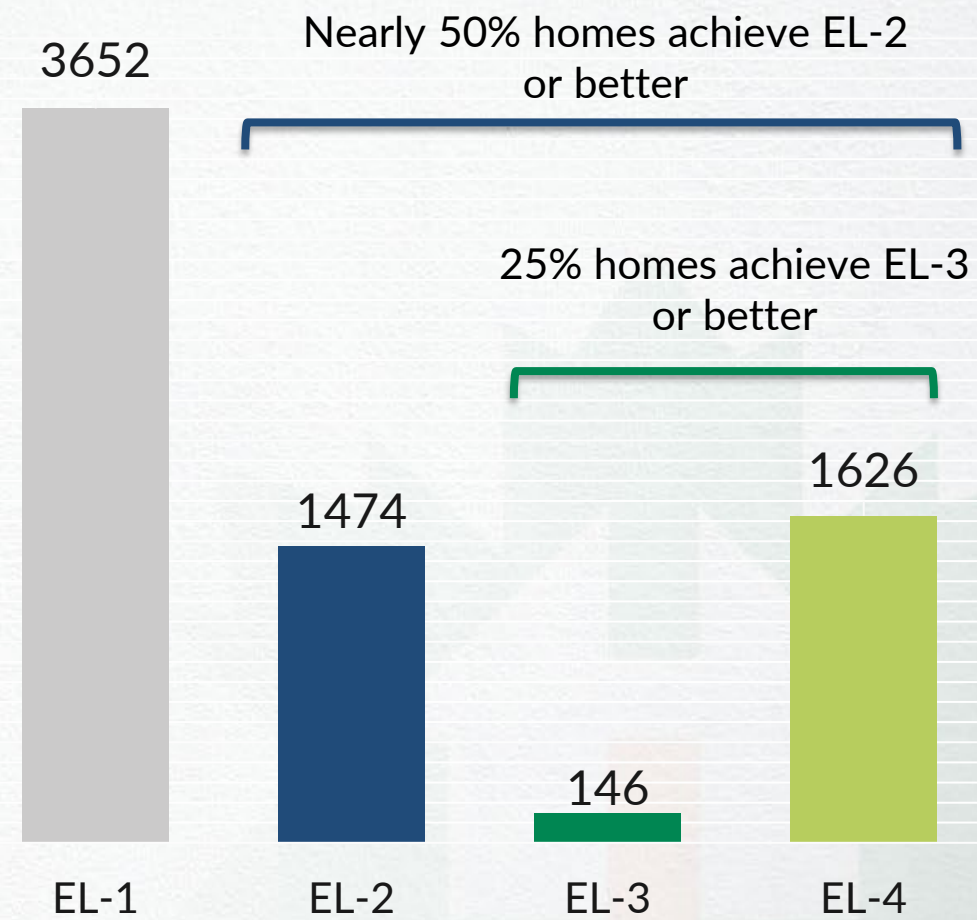
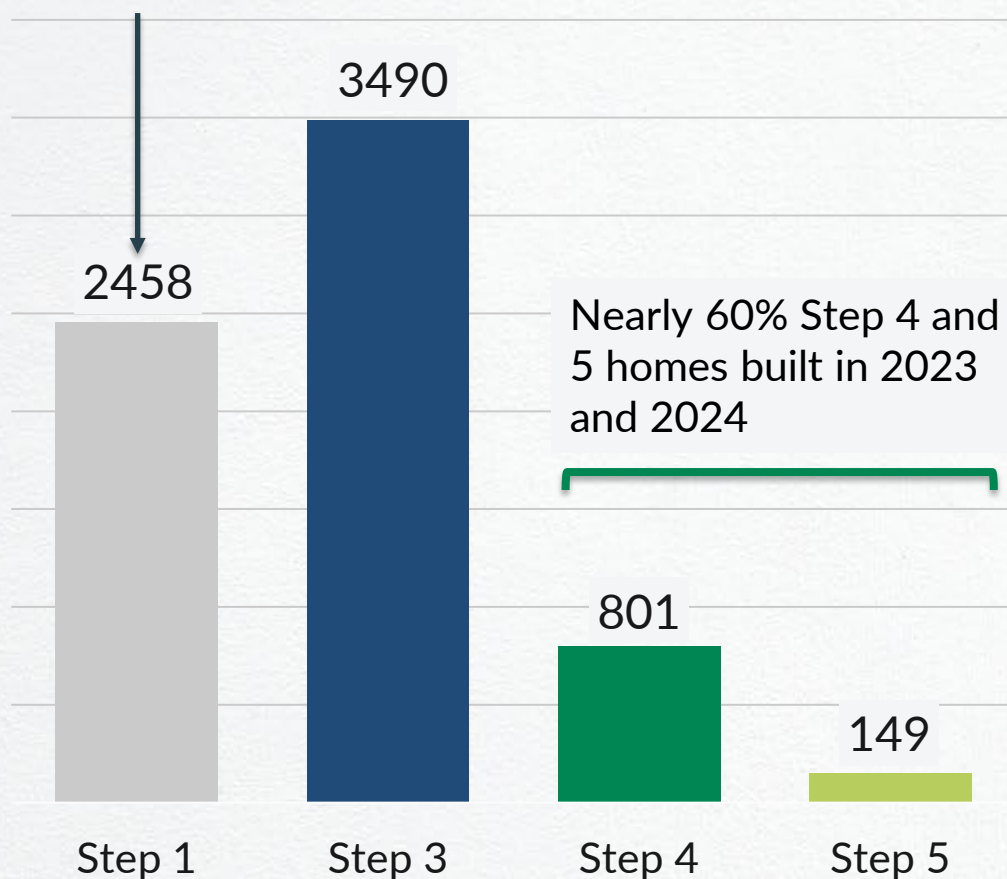
## Energy and Carbon Benchmarking

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

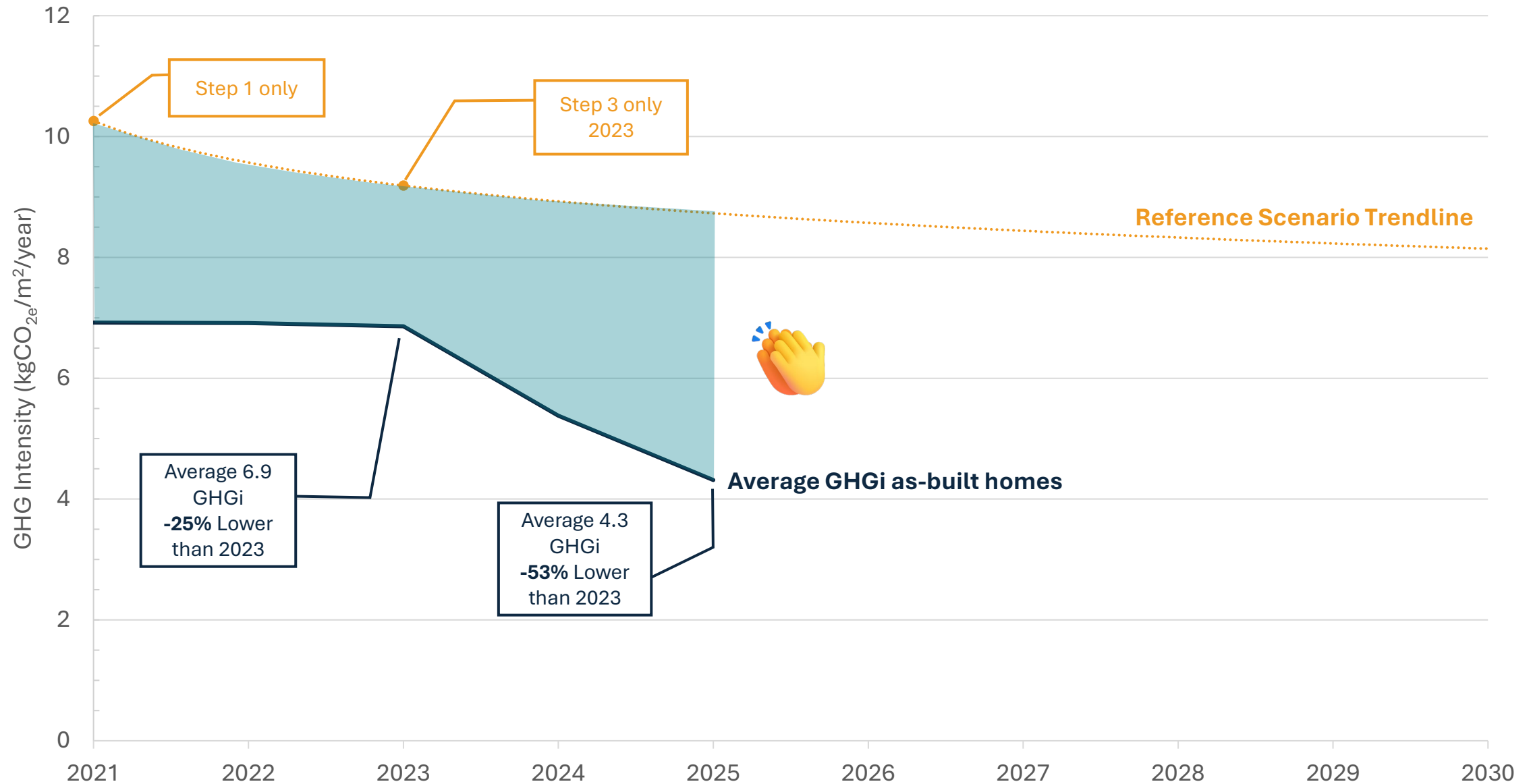


# ENERGY AND CARBON BENCHMARKING (2020-2024)

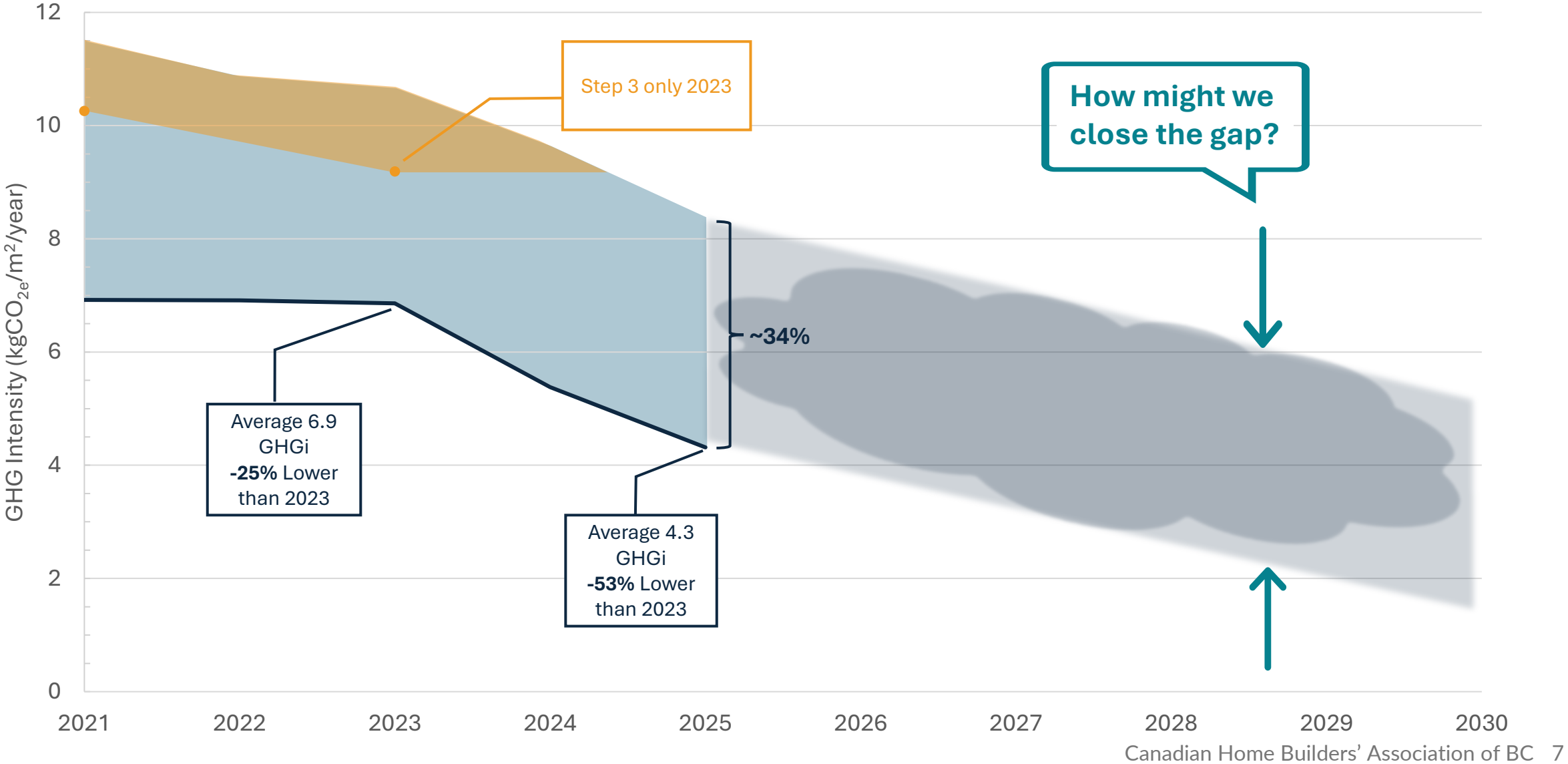
Permitted before  
Step Code requirement



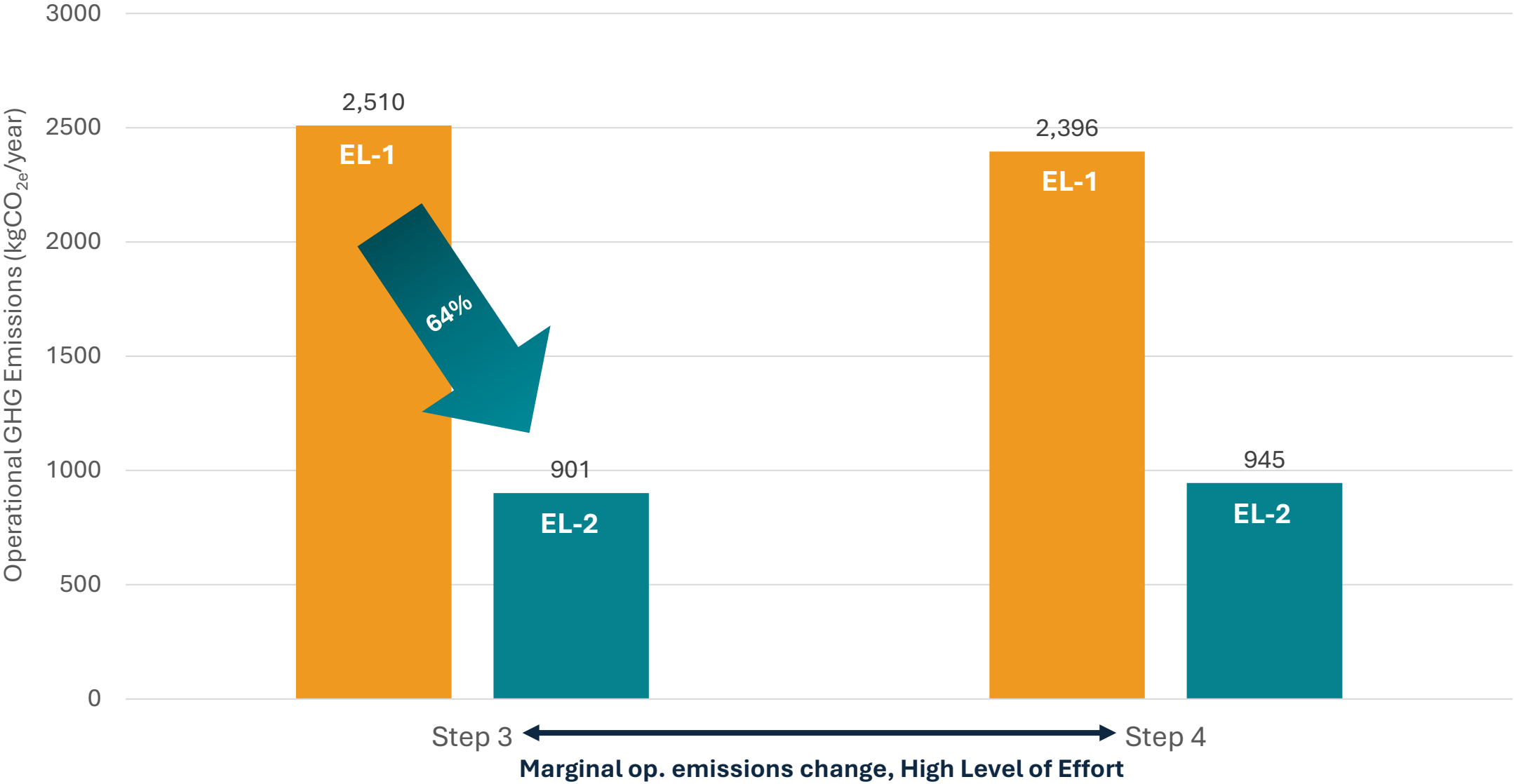
# Average GHG Intensity for BC Low-rise Residential New Construction to Date



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

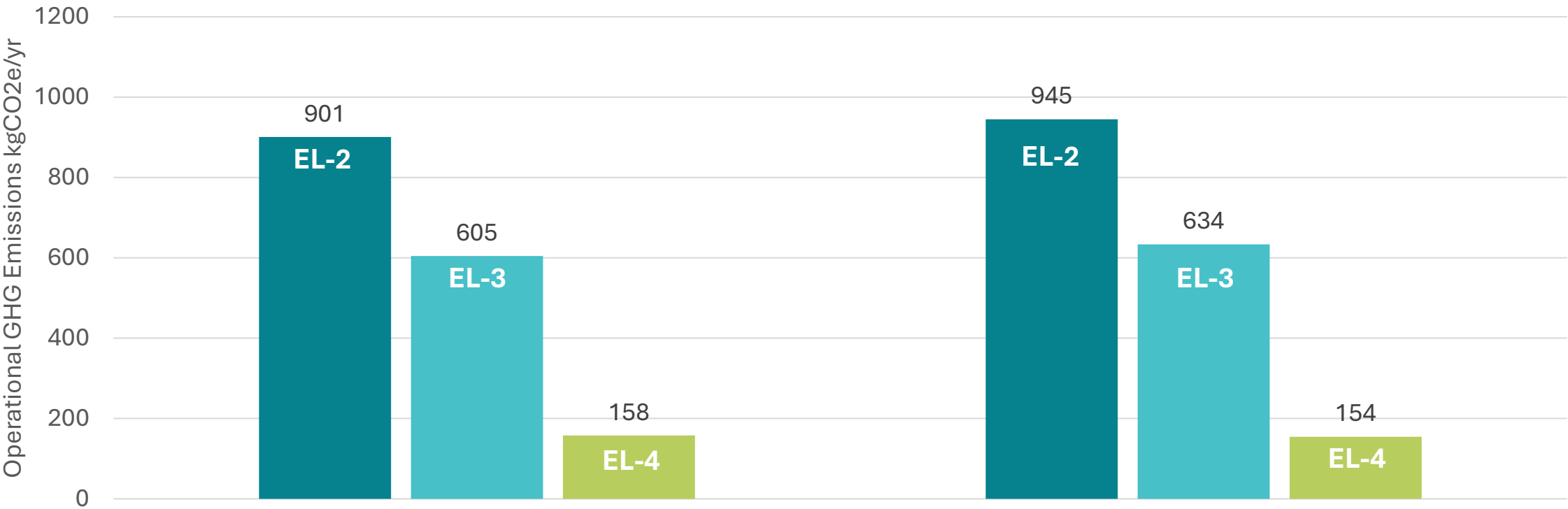


# Average GHG Emissions for Energy Step 3 and 4 Homes





# Average GHG Emissions for Energy Step 3 and 4 Homes

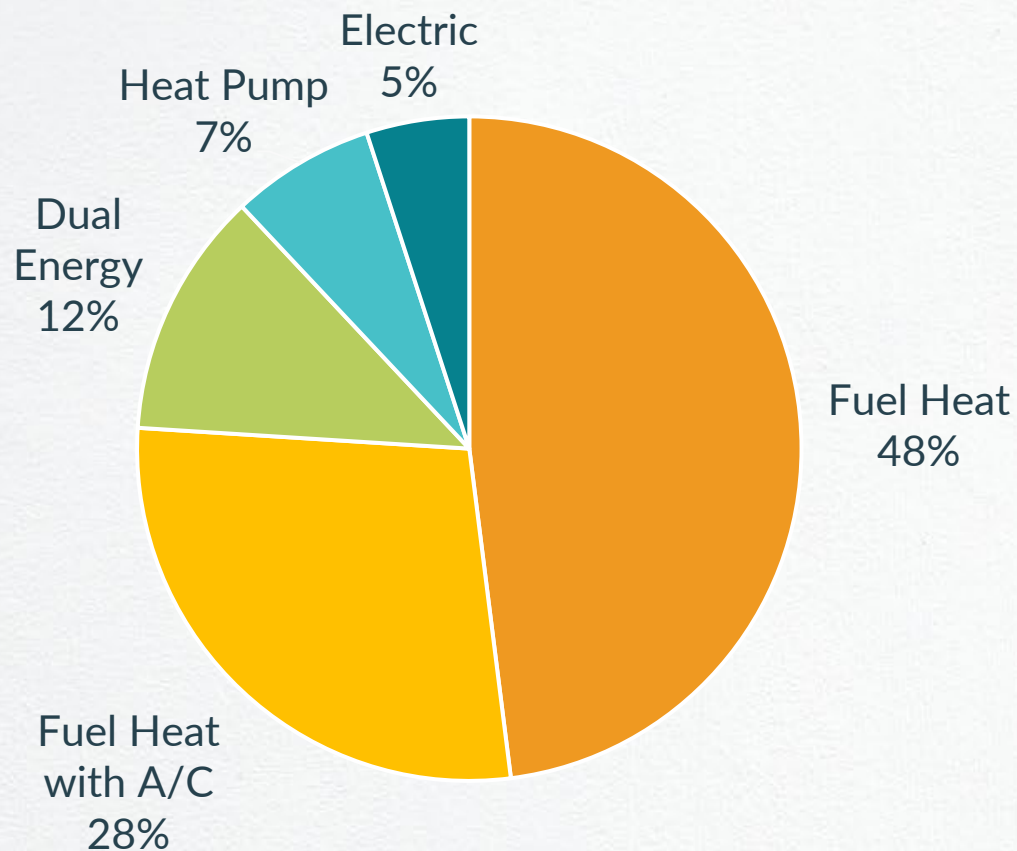


- All Electric
  - Dual Fuel Heat
  - Electric Heat, Fuel DHW
  - Fuel Heat, Electric DHW
  - All Fossil Fuel
- ➔
- All Electric
  - Dual Fuel Heat

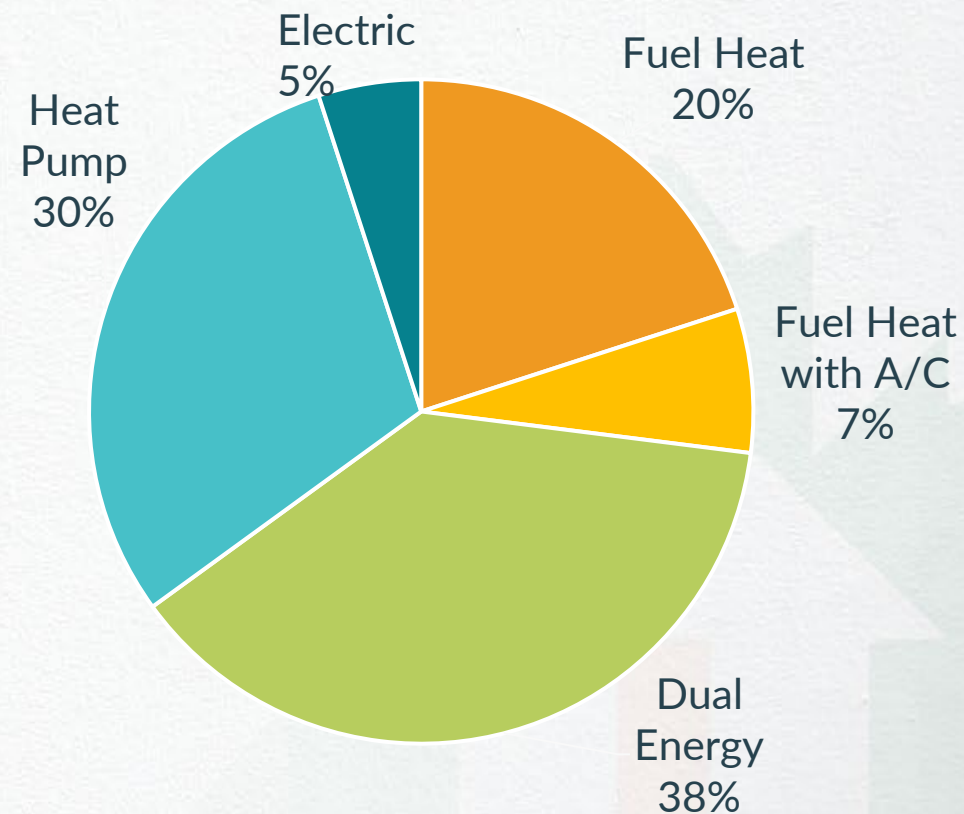
- Enabling changes required:**
- Canadian Electrical Code
  - Regional Flexibility
  - Local Government & Utility Supports

# Regionalized Data

**Metro Vancouver 2024:  
Heating Systems ~¼ Low Carbon Ready**



**Metro Vancouver Steps 4 and 5:  
Heating Systems ~¾ Low Carbon Ready**



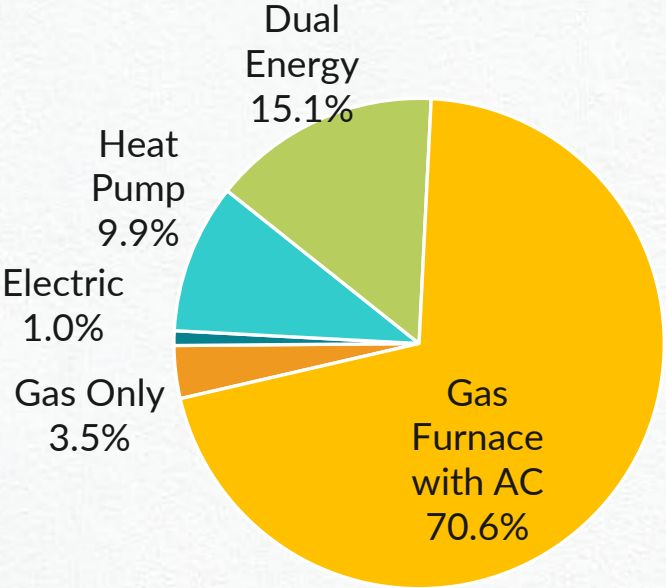
# Regionalized Data



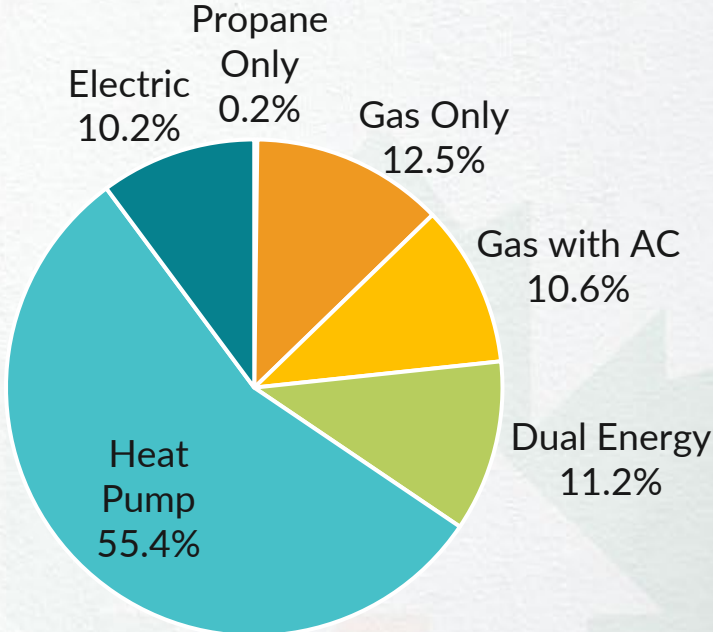
Report: 98 Percent Of U.S. Commuters Favor Public Transportation For Others



Thompson Okanagan Region  
~1/4 Low Carbon Ready

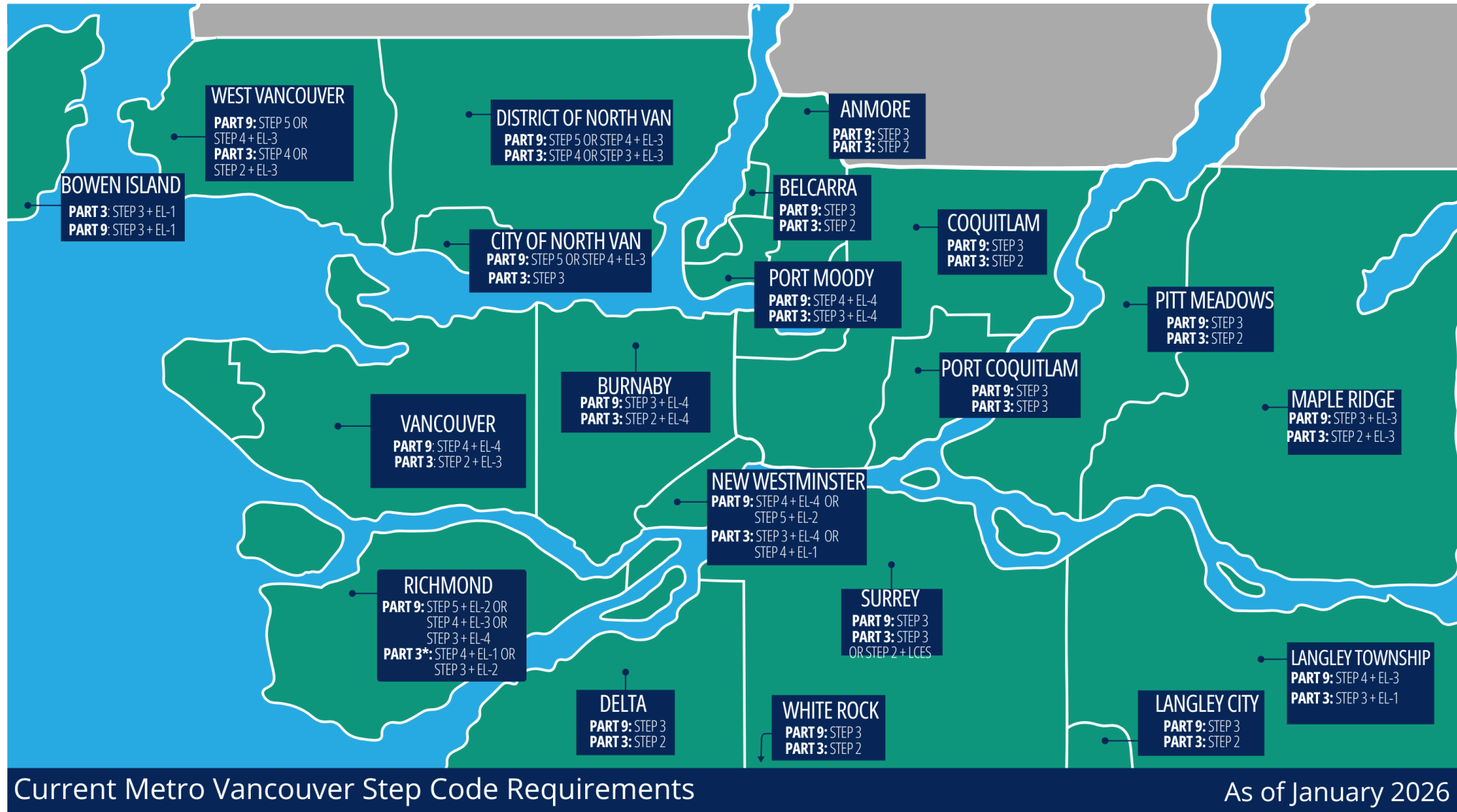


Vancouver Island  
~3/4 Low Carbon Ready





# 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



# CONTACT



**Mark Bernhardt**

Bernhardt Contracting  
[mark@bernhardtcontracting.com](mailto:mark@bernhardtcontracting.com)



**Henri Belisle**

TQ Construction  
[henri@tqconstruction.ca](mailto:henri@tqconstruction.ca)



**Pauline Rupp**

CHBA BC  
[pauline@chbabc.org](mailto:pauline@chbabc.org)







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