



ENERGY STEP CODE

BUILDING BEYOND THE STANDARD

Part 3 Information Session

March 2, 2022

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Presentation Overview

- Local Government Role in Step Code
- Policy Context
- Previous Engagement on Step Code
- Implementation of Step Code in the Capital Region to date
- Council Direction on next steps
- Engagement Approach and Timeline

Establish an appropriate implementation strategy for Step Code in our local context, including:

- Focus on greenhouse gas emissions reductions
- What Steps to adopt for different project types
- Timing for “stepping up” between now and 2030
- Transition times & in-stream protection
- Strive for regional homogenization

CleanBC and Roadmap to 2030 and Local Government Act requirements re: GHG Reduction Targets and Reporting

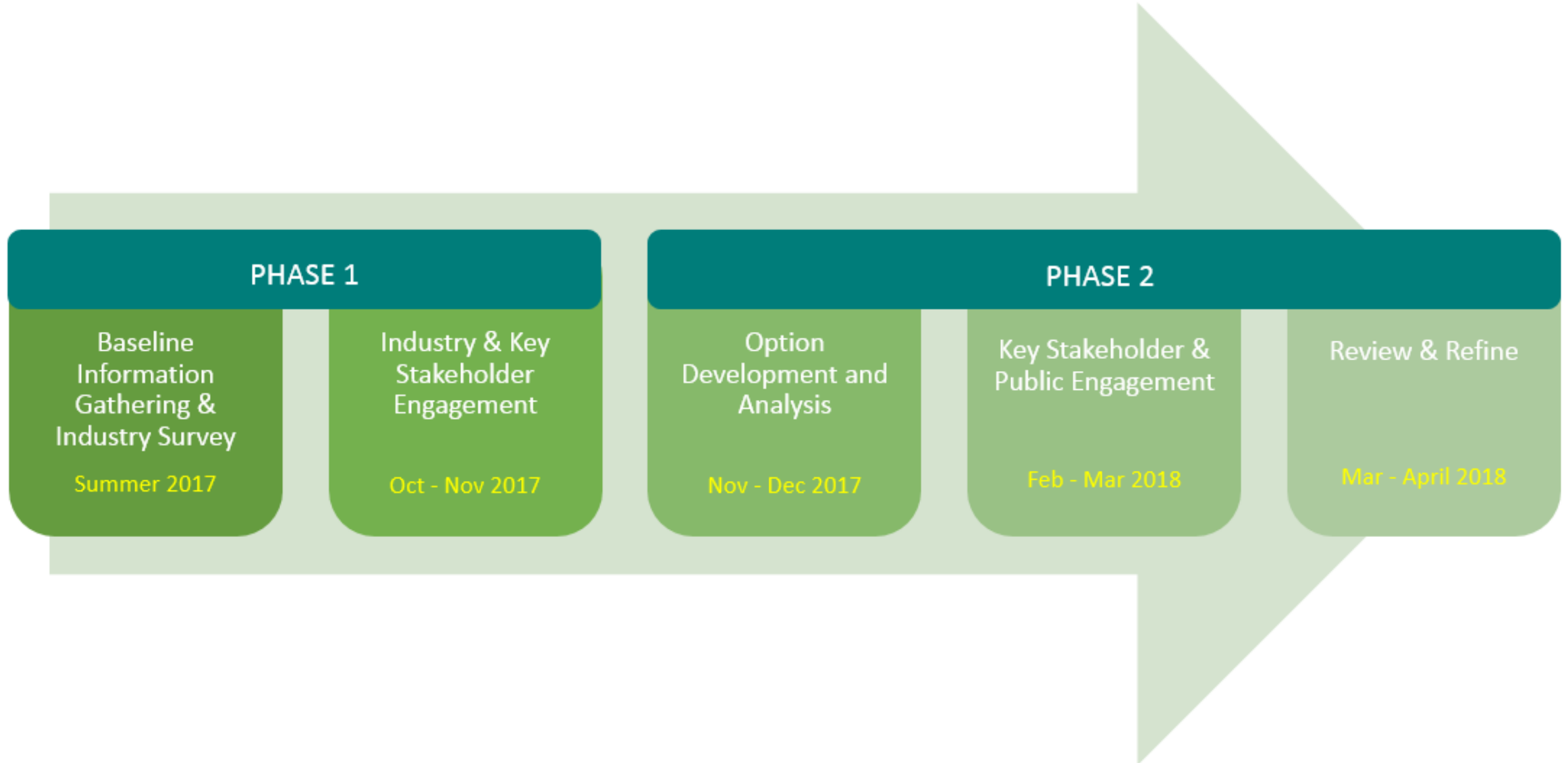


- 50% GHG reduction by 2030 target
- 100% GHG reduction by 2050 target
- 100% Renewable Energy by 2050 target



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Previous Engagement on Step Code



Step Code Adoption in Region

CRD municipalities that have adopted Step Code	Adopted Step 3 for Part 9 residential buildings	Have adopted Step 3 for low-rise residential	Have adopted Step 2 for high-rise residential and commercial
Central Saanich	Yes	Yes	Yes
Colwood	Yes	Yes	Yes
North Saanich	Yes*	Yes	?
Oak Bay	Yes	No – Step 2	Yes
Saanich	Yes*	Yes	Yes
Sooke	Yes	Yes	Yes
Victoria	Yes*	Yes	Yes

*Step 2 for small homes/garden suites

Council Direction on Next Steps

Targets and Council Direction:

- Zero Carbon & 100% Renewable Energy by 2050
- 50% GHG emissions reduction by 2030
- Specific direction to adopt highest steps of Step Code and decarbonize new construction
 - Integrate low/zero carbon energy systems into the Step Code approach
 - By 2025 for residential less than 6 stories
 - By 2027 for greater than 6 stories and commercial



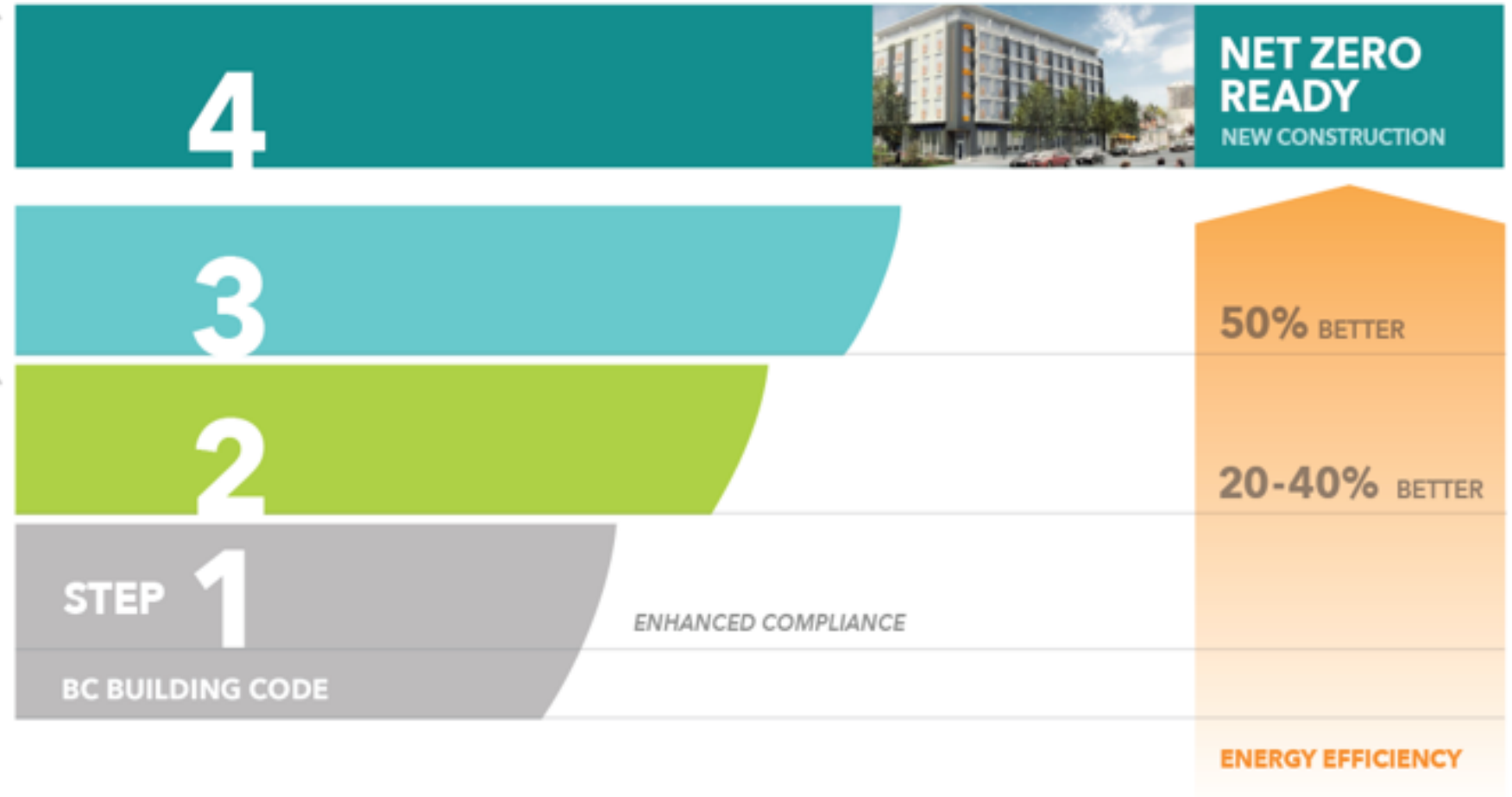
Central Saanich

Approach to Step Code Adoption

Part 3

2017

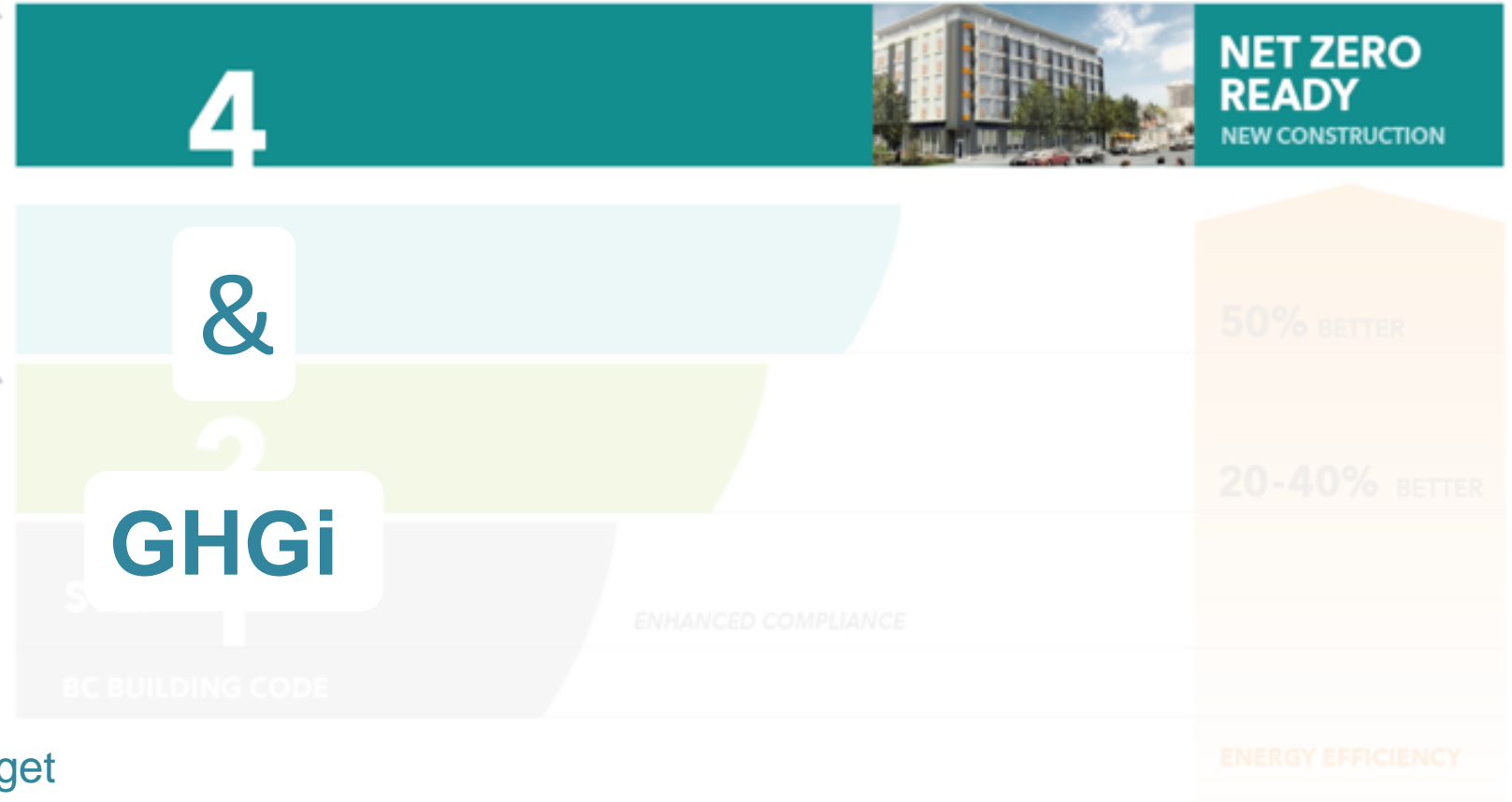
2030



Approach to next phase of Step Code Adoption

Part 3

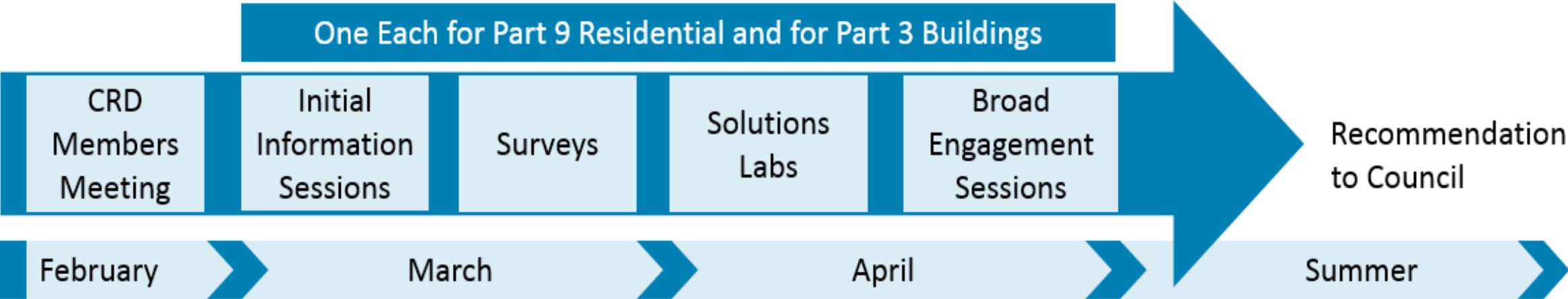
Engagement approach focused on Higher Steps of the Code and/or GHGi requirements



What we are trying to achieve

- 50% GHG reduction by 2030 target
- 100% GHG reduction by 2050 target
- 100% Renewable Energy by 2050 target

Engagement Approach & Timeline



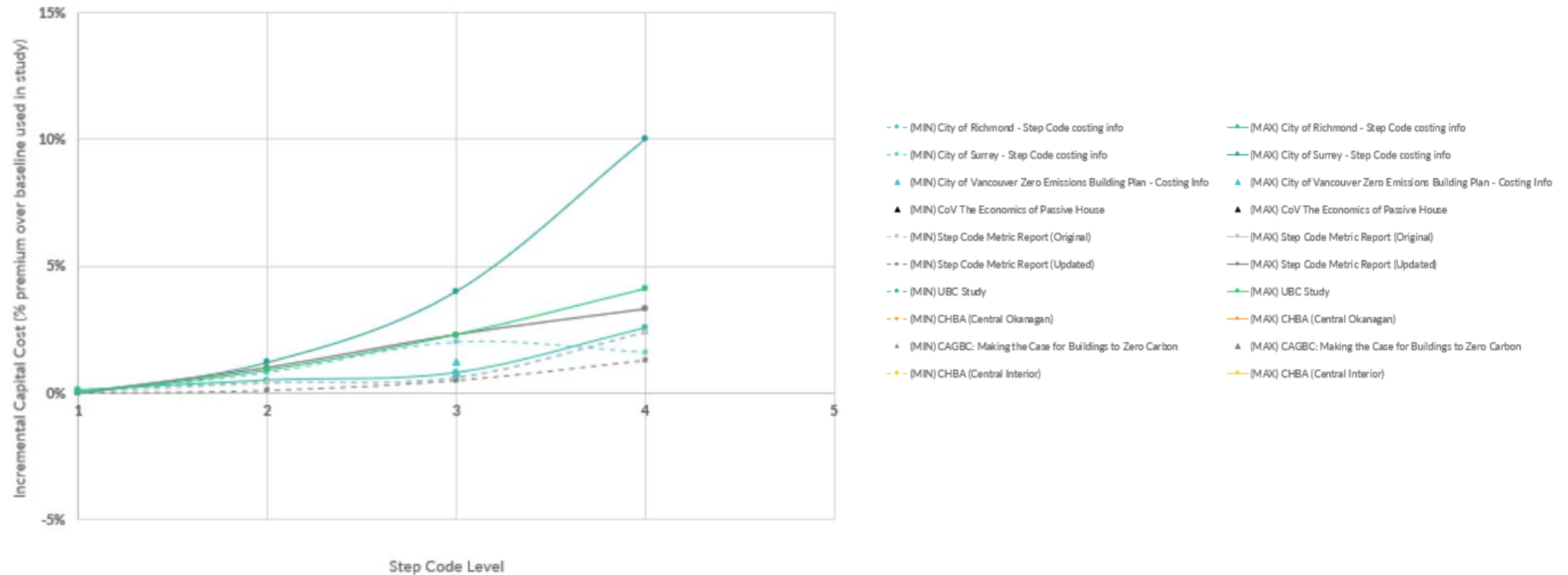
Engagement Survey

Survey:

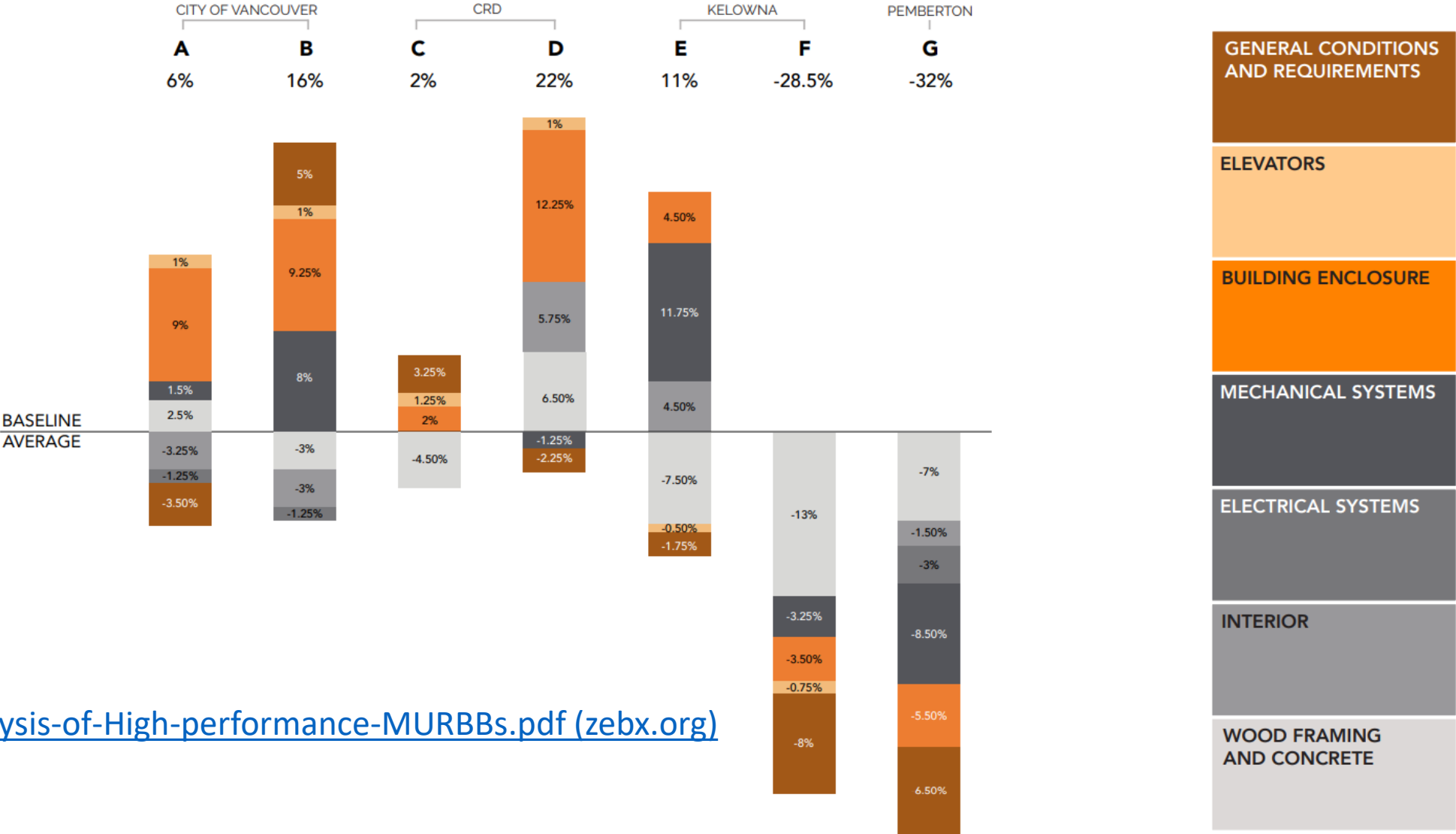
- Available on CRD Website: A link will be distributed to all attendees and made generally available.
- Audience:
 - local Part 3 and Part 9 industry (Developers, contractors, designers, builders, construction managers, trades, design professionals, energy modelers etc.)
- Purpose: to identify and understand
 - Local industry experience with Step Code and LCES to date
 - Opportunities and challenges with a variety of Step Code and LCES adoption scenarios
 - Additional needs
 - Is supported by an accompanying backgrounder
- Use: Will inform draft adoption scenarios for the next phase of engagement
- Closes: March 27

Step Code Council Costing Study

Figure 4: Incremental Capital Cost for Part 3 Buildings
(Climate Zones 4 & 5)



ZEBx High Performance MURB Study



[Cost-Analysis-of-High-performance-MURBBs.pdf \(zebx.org\)](http://zebx.org/Cost-Analysis-of-High-performance-MURBBs.pdf)