

# CHANGING THE WAY WE BUILD

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*Great Bear Initiative's New Homes Roadmap*



# Last Christmas...

- Growing interested in improving new homes
- Hear about energy efficient homes, like “passive house”, “Net-zero”
- Many folks approaching communities with outside ideas
- Uncertainty of the next best step forward
- Communities asked for a roadmap



Tool to guide leadership towards  
procuring more resilient, appropriate  
housing in their communities

# Want to know...

- Benefits of modular vs stick build
- What are energy guidelines, how do they apply to us?
- What does 'better than code' mean?
- How do we do this while enhancing our local economy?
- What technologies are out there that are suitable for our climate and lifestyles
- What do we need to add to our contracts
- How should energy efficient homes perform?
- How do we measure performance?
- Who has done this before?
- How much does this cost, here?
- Who can we trust?

# Roadmap

- Offer plain language guidance for coastal context
- Urge communities to:
  - Know what skills you have in community
  - Know what your project is trying to achieve
  - Know your budget limits



→ Help build a specification for a RFP & contract language

# What is emerging...

- Leaders among us
- Opportunity to share resources
- Policy is helpful
- Occupants need training
- Local Capacity gap
- Hard to find good builders
- Costs are high



# New Training Initiative

## Needs

- Local capacity gap
- Hard to find good builders
- Occupants need training

## New Initiative

- Define EE for Coast
- Prepare industry
- Prepare communities
- Build a community of practice



# Main Program Areas

## Define EE

- Confirm specifications & publish guide
- Publish construction ready drawing
- Develop performance monitoring framework

## Industry Tools

- Short videos
- Visual guides
- Pre-approved contractors





# Main Program Areas... Cont

## Prepare Communities

- New skills in housing department
- Training for occupants
- Training / coms for leadership

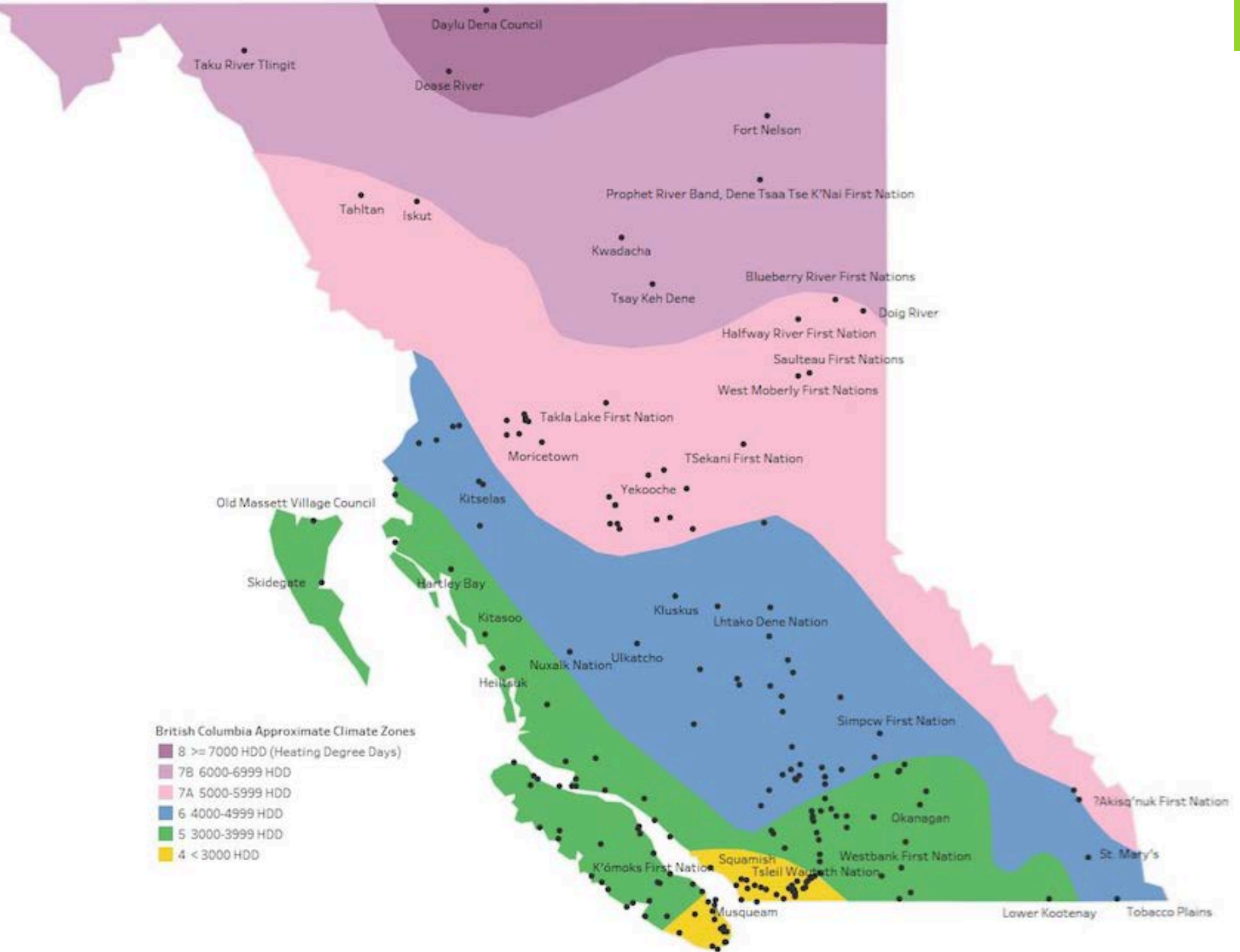
## Next Step

- Symposium



British Columbia Approximate Climate Zones

- 8 >= 7000 HDD (Heating Degree Days)
- 7B 6000-6999 HDD
- 7A 5000-5999 HDD
- 6 4000-4999 HDD
- 5 3000-3999 HDD
- 4 < 3000 HDD



# Benefit with Step Code

- Align training with existing resources
- Speak the same language across the province
- Benefit from planned investments



# Two Questions

- Who are the great builders in your communities?
- If agencies were to re-create this initiative on a provincial, what would you like to see included?

# THANK YOU

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