



# Northern Housing Research

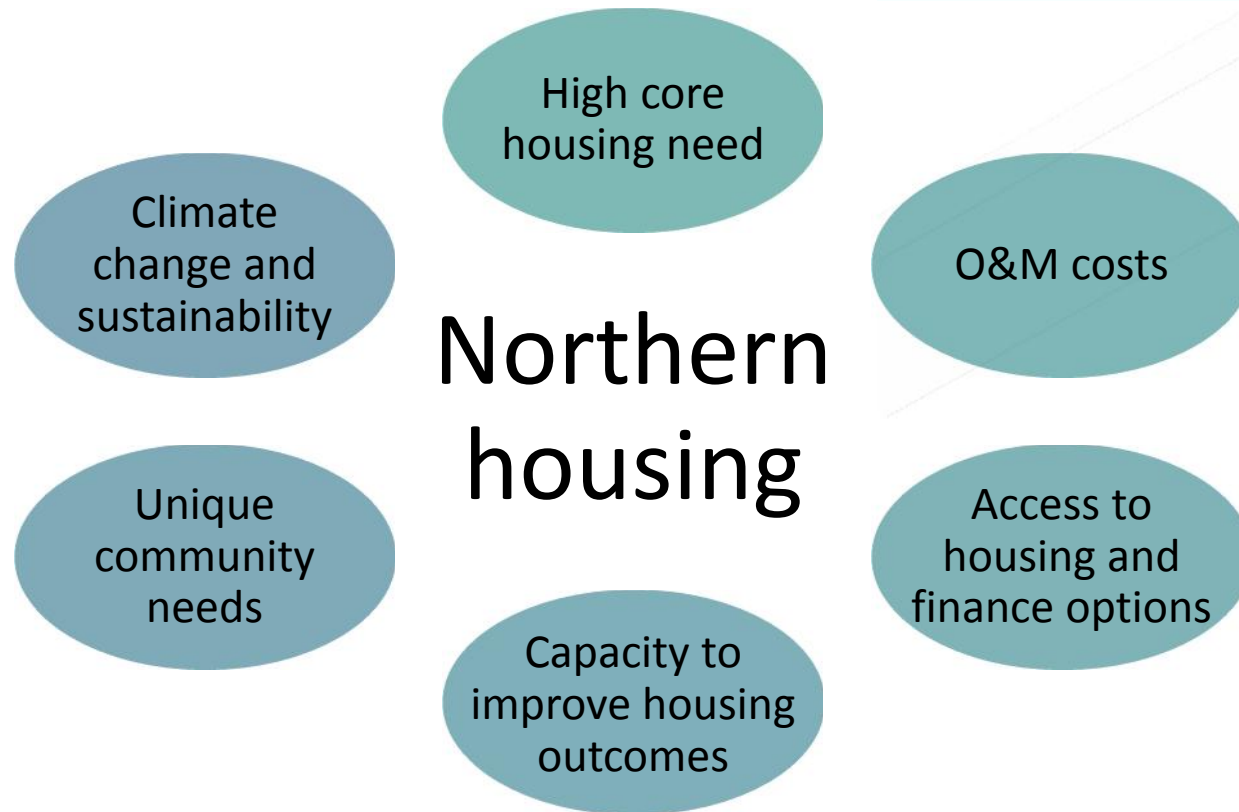
Presentation to

Raouf Chehaiber, Senior Specialist, Housing Needs Research , CMHC

May 8, 2018



## Key drivers of CMHC's Northern Housing Research



# CMHC's Current Pan-Northern Research



Energy, air quality performance assessment

Collaborative Ventilation Research



Prototype evaluation



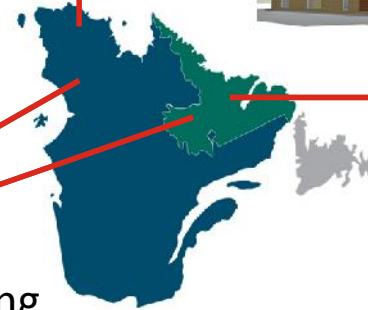
Improving HRV performance



Low Carbon & Energy Design



Understanding Northern Construction Costs



## Going forward - Supporting Northern Research

Sharing CMHC's  
Information and  
Knowledge:  
surveys & data,  
research results,  
best practices,  
publications

CMHC support for  
northern-inspired,  
northern- led  
research activities:  
Pan-Arctic or  
Regionally-specific  
projects

CMHC-led  
Research in  
collaboration with  
Northern partner(s)



# Sharing CMHC's Information and Data

- Housing-related Census data on housing conditions
- Research Reports and Insights – Socio, economic, technical
- Access to case studies, best practices, consumer guidance publications (existing and discontinued)



## Recent and Ongoing examples of Northern-Led Research

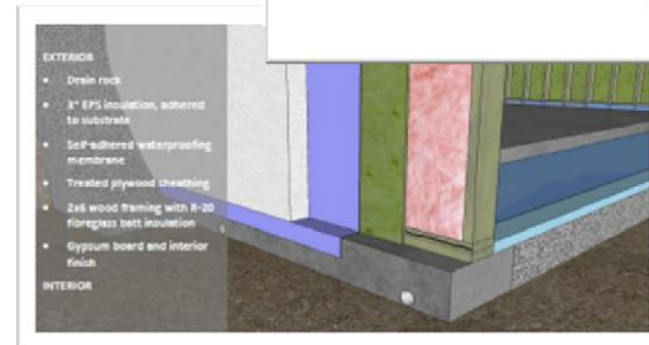
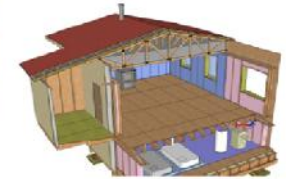
Collaboration – Territorial led:

- Nunatsiavut - performance assessment of energy-efficient 6-unit prototype multi-unit residential project
- NWT - Inuvik Northern Sustainable House design and construction, monitoring



# CMHC-led Research

- Energy Retrofit Optimization modelling
- Cost- and energy-optimized guidelines for new residential construction
- Performance assessment of energy-efficient 6- and 8-plex housing





Thank You!

CANADA MORTGAGE AND HOUSING CORPORATION

