



Northern Housing Research

Presentation to

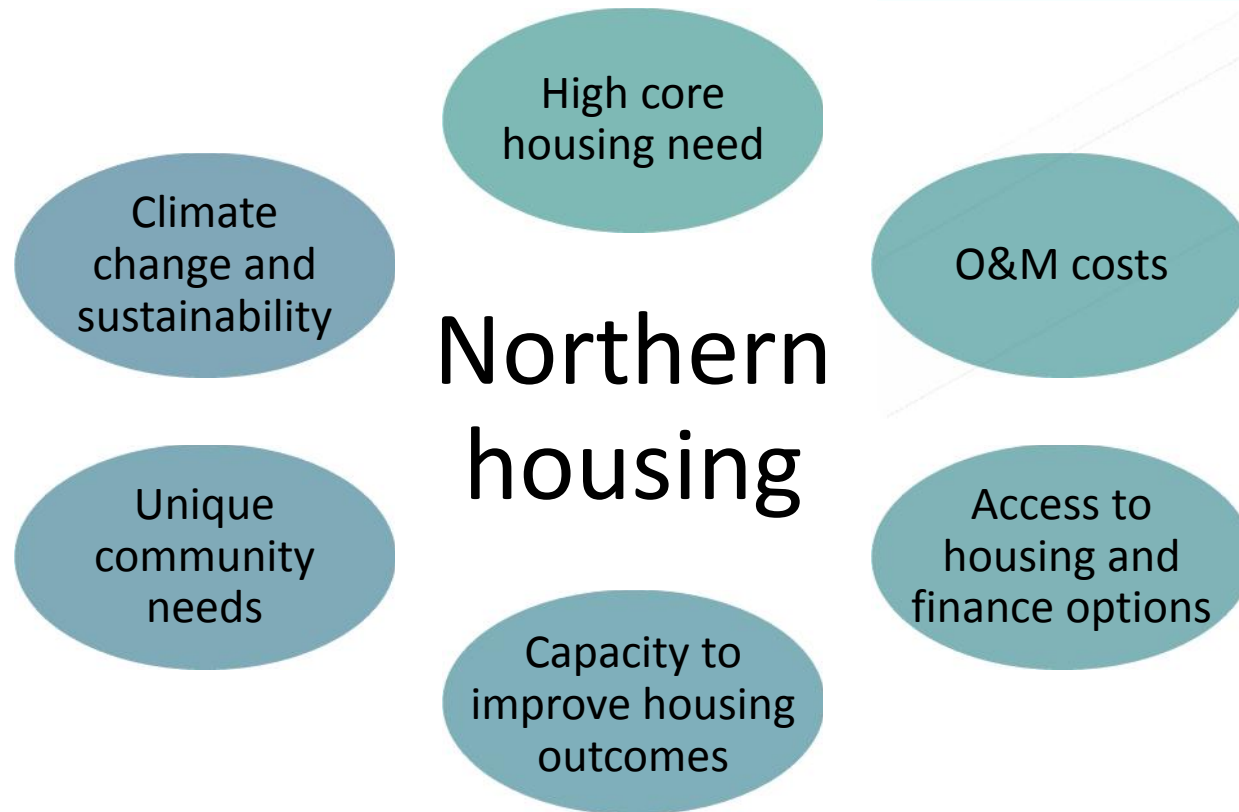
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May 8, 2018

Canada 



Key drivers of CMHC's Northern Housing Research



CMHC's Current Pan-Northern Research



Energy, air quality performance assessment

Collaborative Ventilation Research



Prototype evaluation



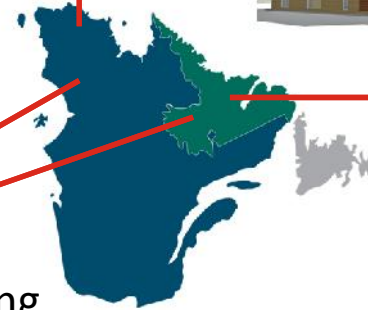
Improving HRV performance



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

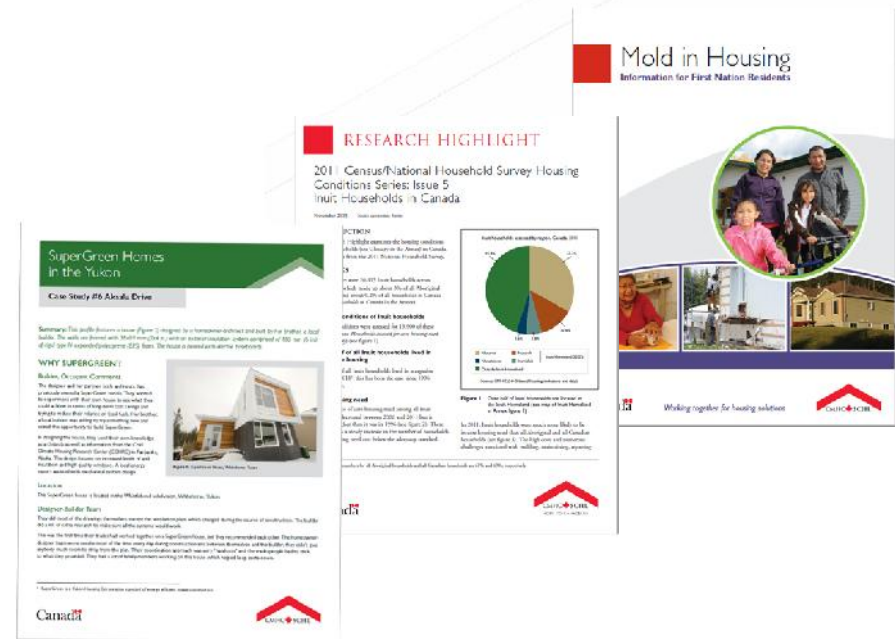
CMHC support for
northern-inspired,
northern- led
research activities:
Pan-Arctic or
Regionally-specific
projects

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

