

# Towards Cost-Effective Net Zero Ready Residential Renovations

## HOMEOWNERS - WIIFM



### PURPOSE

To outline the commitments and benefits for homeowners participating in the “Towards Net Zero Renovations”, a Natural Resource Canada (NRCAN) funded demonstration project. We nickname this “What’s In It For Me” or WIIFM.

*Experience the ultimate in comfort and energy efficiency – in your current home, and you don’t need to move to get it!*

Homeowners will want to participate in this initiative to get the best deep energy upgrade as possible, with access to free/discounted services from industry experts such as Net Zero Trained Renovators and Energy Advisors:

- The project not only funds Net Zero training for your Renovator and Energy Advisor, it also funds the work of the CHBA trained Net Zero Energy Advisor to map out the upgrade to Net Zero Energy, estimated at a \$3,000-\$4,000 value.
- Your home will also undergo a COMPLIMENTARY integrated design process with a team of experts and key stakeholders to optimize for energy performance and cost, as well as to evaluate if the home can meet additional objectives such as electrification, reducing embodied or operational carbon, functional changes to the space, climate resilience, and more.
- The project includes pre- and post-reno photos, occupant comfort questionnaires (to determine occupant satisfaction indicators such as thermal comfort and Indoor Air Quality), Blower Door Tests to confirm airtightness, and EnerGuide labels. And, at the conclusion of the renovation, a Net Zero/Ready Home label if the home meets all of the program requirements, plus a home appraisal. (Costs will coordinate with the federal Greener Homes rebates as well as any provincial/territorial or municipal incentives/rebates available.)
- Your energy data will be analyzed to determine the effectiveness of the renovation as well as occupant behaviour impacts and opportunities. The anonymized results will be included in a national report that will be used to help grow industry capacity and help Canada meet its GHG reduction commitments.

### DATA SHARING AND OTHER REQUIRED INFORMATION

As part of this project, information will be collected and analyzed for the purposes of measuring, verifying, and identifying the house, its conditions, and the design solutions. It is important for homeowners to agree to allowing for this data collection and monitoring over the course of the next few years, noting that all information will be anonymized when submitting to NRCAN. Data is stored securely in Canada and submissions do not include homeowner identification. Homeowners may be contacted for voluntary feedback. This project runs until March 31, 2026 with the final year dedicated to mostly data analysis and reporting thus target renovation completion is late 2024/early 2025.

#### For the home undergoing the renovation the owner must provide/permit:

- 1 year of pre-renovation and 1 year of post-renovation energy data.
- Pre- and post-renovation photos for marketing and education purposes.
- Pre- and post-renovation occupant satisfaction indicators such as comfort and Indoor Air Quality via questionnaires.
- Blower Door Tests and inspections to verify the EnerGuide and Net Zero/Ready Home program requirements have been met. (The home must meet a minimum 50% reduction in energy use intensity compared to the pre-retrofit baseline.)
- Pre/post-renovation home appraisal.
- The home to undergo the integrated design process.
- Homeowners’ are to provide the funding/financing for the renovation. This project seeks to assist in identifying available incentives/rebates/financing options that might be applicable through coordination with local municipalities.

#### Eligibility

While eligibility for participating in this research and demonstration initiative is focused on the home and the homeowners goals, it should be noted that homeowners participating in many of the municipal Rebate Programs **must first register** for the Canada Greener Homes Grant. To that end the following should be anticipated to be required.

- Canada Greener Homes Grant Applicant ID as well as Property Tax Account Number
- Name, contact information, address attached to the Applicant ID and mailing address, if different

### FOR MORE INFORMATION CONTACT

- In addition to your local Municipal contact, see [NetZeroHomes.com](http://NetZeroHomes.com) and [NetZeroRenos.com](http://NetZeroRenos.com) for CHBA information.