



TOWARDS NET ZERO RENOS



Homeowner Interest Agreement to participate in the NRCan funded, CHBA delivered project: “Towards Cost Effective Net Zero Energy Ready Residential Renovations”

The Canadian Home Builders’ Association (CHBA) is working with your Municipality and numerous groups in the high-performance renovation industry to make upgrading existing homes to net zero energy more attainable by:

- Using **proven technologies and best practices in building science** to guide the net zero renovation,
- Bringing together a **network of expertise** to this project, as well as training, monitoring and research, all to help Canadians map their pathway to Net Zero and make that more affordable and scalable.

Definitions CHBA Qualified Net Zero Homes are defined as homes that produce as much clean energy as they consume annually, using on-site renewable energy systems. Net Zero Ready means the house has been upgraded however the renewable energy system is not yet installed. See [here](#) for more information.

- *Up to 80% more energy efficient than typical new homes, Net Zero Homes are extremely well built with superior insulation, high-performance windows, and excellent airtightness to minimize heating and cooling needs. Appliances, lighting, and mechanical systems are all as energy efficient as possible.*

Timeframe All projects would need to have renovations **complete by Winter 2024-Spring 2025** to allow for 1-year of post-renovation data collection before project end March 2026.

- *The following questionnaire is an introduction – not a commitment – to give us an idea if you are interested and wanting to move to the next step. **Note: This information will be shared with the participating Municipality and CHBA. It is for project purposes only and is not used outside of the project without homeowner consent.***

Homeowner Contact Information

| | |
|-----------------------------|--|
| Primary Contact | |
| Street Address | |
| City, Province, Postal Code | |
| Email | |

House Information (existing)

| | |
|--|--|
| Age of house and size (sq.ft) | |
| Heating source (gas, oil, electric, geothermal, combination) | |
| Heating type (baseboards, forced air, in-floor heating) | |
| Any wood or wood-product burning fireplaces or stoves? | |
| Previous known renovations | |
| Have you had an Energy Audit / home has an ERS label? | |

Renovation Goals

| | |
|--|--|
| Are you planning any additions? | |
| Reconfiguring existing space eg removing structural walls | |
| Increasing living space eg plans to convert an unfinished basement | |
| Improving comfort levels, reduce drafts, hot/cold areas | |
| Improving indoor air quality | |

Other Issues / Challenges

| | |
|------------------------------|--|
| Damp basement / flooding | |
| Structural concerns | |
| High heating / cooling costs | |
| Other... | |

HOMEOWNER “What’s In It For Me” aka WIIFM

PURPOSE of the WIIFM

To outline the commitments and benefits for homeowners participating in this Natural Resource Canada (NRCan) funded demonstration project “Towards Net Zero Renovations”. 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.

INCENTIVES

In coordination with your Municipality, renovator and energy advisor, this project seeks to identify available incentives and rebates for energy efficiency upgrades.

- The project offers funded Net Zero training for your Renovator and Energy Advisor (value of over \$2,500 each)
- This project also funds the work of the CHBA trained **Net Zero Energy Advisor to map out the upgrade to Net Zero Energy, estimated at a \$5,000 value**. PLUS access **up to an additional \$5,000** in as-needed consultant fees to assist in optimizing **your** design solution.
- 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, it includes a Net Zero/Ready Home label if the home meets all of the program requirements and a post-reno home appraisal.
- 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.
- **Municipal program incentives as applicable – ask if there are incentives for a Net Zero label!**
- Can be combined with Canada Greener Homes Grant and other programs as applicable

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 2025.

For the home undergoing the renovation the owner must provide or permit:

- **1 year of pre-renovation and 1 year of post-renovation energy data. This will include access to energy bills.**
- 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 compared to the pre-retrofit baseline.)
- Pre/post-renovation home appraisal along with total cost of project.
- 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. Check with your municipality on requirements, such as:

- 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

As part of this project, homeowners will have access to significant resources to help guide the design to meet net zero targets. Homeowners will work with their Net Zero Energy Advisor and Renovator to establish the achievable target towards net zero and whether the timeframe matches the project.

HOMEOWNER - INTENT TO PARTICIPATE

I, _____, would like to submit my house as a potential candidate for the “Towards Cost-Effective Net Zero Energy Ready Residential Renovations” initiative.

In exchange for the benefits listed in the “What’s In It For Me” I agree to all the requirements listed in this document including the need to upload one year of both pre and post renovation utility data.

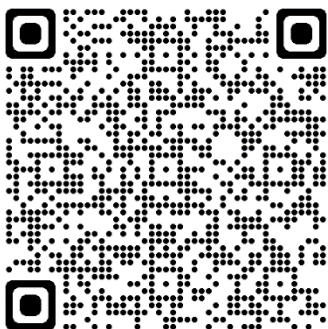
I understand that this does not guarantee participation, nor does it commit me to continue with the initiative.

Homeowner Signature _____ **Date** _____

If you are already working with an Energy Advisor (EA) or Renovator, please list them here:

Energy Advisor _____ **Renovator** _____

If you do not have an EA and/or a Renovator, visit www.netzerorenos.com and select “Who to work with” in the right-hand blue side bar for a list of CHBA Net Zero professionals near you!



Work with your EA or Renovator to complete this form and enroll your deep energy retrofit or Net Zero Renovation.

Enrollment is easy!

Have your Energy Advisor or Renovator scan the QR code to the left and complete the short online entry.

A welcome package will then be emailed with next steps.

This form will be part of your enrollment documents submitted to CHBA.