



Towards Cost-Effective Net Zero Energy Ready Residential Renovations

OVERVIEW



DESCRIPTION OF THE “TOWARDS NET ZERO RENOS” PROJECT

The Canadian Home Builders’ Association (CHBA) and Natural Resources Canada (NRCAN) recognize that in order to meet Net Zero Energy targets and improve housing performance for Canadians, our existing homes play a large role. Both NRCAN and CHBA’s Net Zero Energy Housing team are working together through this project to build capacity in empowering our industry to meet the challenges ahead. Whether reaching Net Zero or the next level of a tiered code, this project seeks to find ways to reduce costs, identify barriers to scalable net zero upgrades, and bring solutions to those challenges by supporting industry through 100-150 Net Zero Renovations across Canada by 2025.

What type of support?

We bring the experience, training, consultants, and industry experts to help optimize upgrading to Net Zero. CHBA’s Net Zero Energy Housing is a leader in developing Net Zero training. Qualified Net Zero Renovators need both training and experience to become fully qualified. This project will be funding Building Science, CHBA Net Zero Builder, CHBA Net Zero Renovator Training courses as well as training in Integrated Design Process (Part 9) for renovators, energy advisors and other key retrofit stakeholders to attend at no cost (valued at ~\$2500).

Energy Advisors, and particularly Qualified Net Zero Energy Advisors, are key to integrating energy conservation options into the design and evaluating the cost-to-benefit ratio for each variation. This project directly covers the Net Zero Energy Advisor’s fees to perform a net zero home energy audit, analysis with optimizations and to lead the Integrated Design Process with the contracted Renovator to maximize cost efficiencies, benefits, and value to the homeowner. Over the course of the project, this is estimated to be a \$3,000-\$4,000 value to the individual project.

Where is this happening?

Across Canada! Check www.chba.ca/nzrenos to see if your municipality is participating. Shadow municipalities may not yet have programs in place to incentivize Net Zero Renovations but will get access to free CHBA Net Zero Training in exchange for their input into barriers, challenges, and successes, in working towards net zero.

WHO DO I WORK WITH

The CHBA Net Zero Home Labelling Program provides the industry with a clearly defined and rigorous two-tiered technical requirement that recognizes Net Zero Energy and Net Zero Energy Ready Homes (new or renovated), as well as the Net Zero Builders and Net Zero Renovators who provide them. A national network of CHBA Net Zero Qualified Service Organizations, Energy Advisors and Trainers work directly with the renovators to design, model, test and inspect each renovation. Find all our qualified advisors at [Qualified Net Zero Service Organizations \(SOs\) - Qualified Net Zero Energy Advisors \(EAs\) \(chba.ca\)](#) and check www.netzerohome.com for our map of Net Zero Builders and Renovators near you.

HOW DO I TAKE PART?

For the Homeowner

Have your energy advisor connect with a CHBA Qualified Net Zero Service Organization (SO). If you don’t have an energy advisor, check out the link above and let the SO know you’re looking to be part of the CHBA Towards Net Zero Renos project and you need either a Qualified Net Zero Energy Advisor or one who wants to become one – we’ll pair them up.

For the Energy Advisor and Renovator – label your first home and become a CHBA Qualified Net Zero EA or Renovator!

We need greater industry capacity to help homeowners get to the next tiered code as well as all the way to net zero. Becoming qualified through this project gives you not only the training (at no cost), it also connects you with industry experts across Canada who are leading the way to cost-effective net zero upgrade solutions.

To learn more about the steps, see [How to Become Qualified \(chba.ca\)](#) Then, get access to the project funding that covers the energy advisor’s work for your project by enrolling the project on our [NZ Renovation Project Enrollment Form \(chba.ca\)](#). This does not commit anyone to complete a net zero renovation, but it does allow us to work with you to see if your project might be a candidate. We learn from that process and cover the energy advisor costs to do so!

FOR MORE INFORMATION

In addition to NetZeroHome.com and NetZeroRenos.com for CHBA information, check out your local Municipal programs!