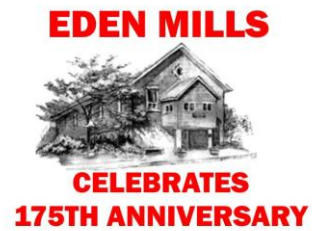




Canada 150 Challenge
Community Hall Retro-fit
October 2017



HALL RETROFIT REPORT OCTOBER 2017

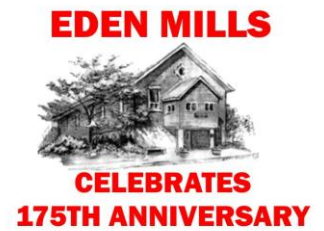
“Eden Mills Community Hall is effectively carbon neutral!”

CANADA 150 CHALLENGE

- What we have achieved
- What remains to be done
- Where does our support come from?
- How you can help us meet our fund-raising goal!



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CANADA 150 CHALLENGE

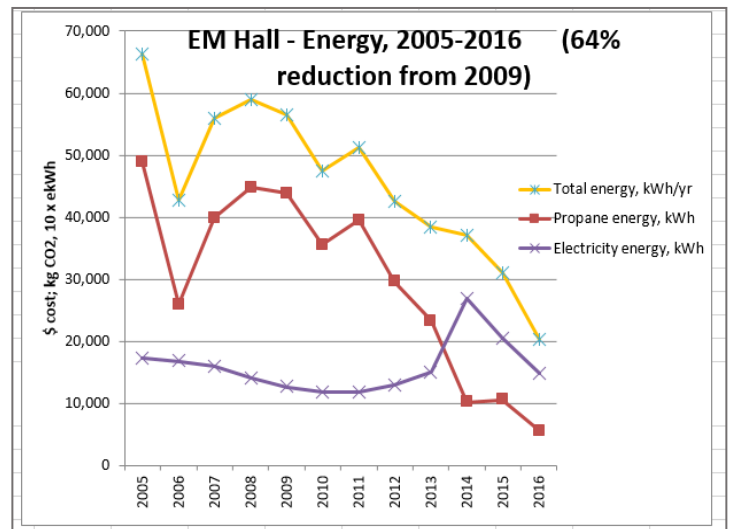
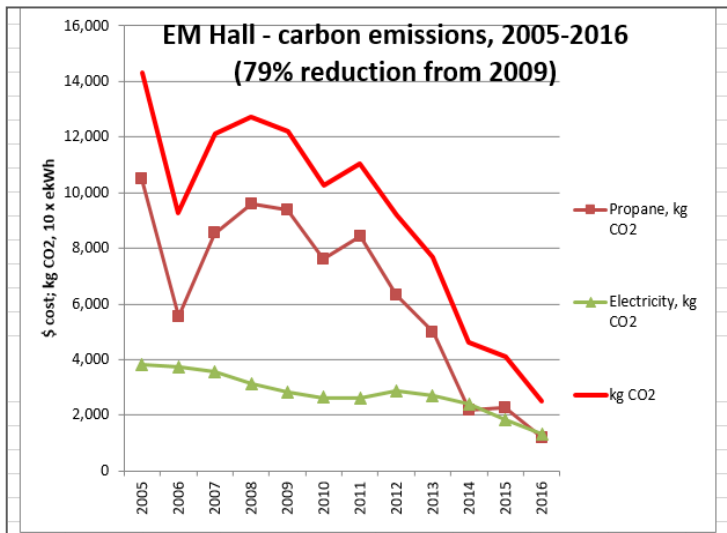
Support the last steps to a Carbon Neutral Community Hall!

To all residents of Eden Mills and District

In 2013 we published our first Retro-Fit Report outlining our vision to re-vitalize the heart of the Village of Eden Mills and to continue our efforts to 'go carbon neutral', launched in 2007. Over the next two years, thanks to residents' donations, two major grants and \$60,000 from Guelph Eramosa Township, we raised enough money to:

- insulate the Community Hall ceiling (the roof had been replaced in 2009);
- install energy-efficient windows and doors throughout the Hall;
- replace one propane furnace with an air-to-air heat pump;
- install heat recovery systems;
- insulate the foundation on the west side of the Hall;
- install an accessible front door; and
- install the basic structure for Tim's Garden!

These changes have **reduced our carbon emissions** since 2009 by about **79%**, AND they have also **reduced our purchased energy use** since 2009 by about **64%**.

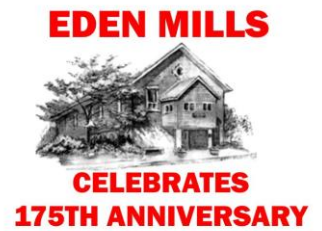


We should all be very proud of these results, but we are aiming even higher!

***By 2018, we will have reduced our Hall's carbon emissions by
96% and our purchased energy by 95%!
We will be the most energy-efficient heritage space in Canada!***



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In 2007, having a carbon neutral Community Hall was a dream! Ten years later it is reality!
The work is almost complete. The Eden Mills Community Hall is now a unique example of an energy retrofit for a heritage building. In fact, on September 19, Guelph's e-Merge showcased our Hall to other operators of heritage buildings as a model of process and results.

To complete the work, we needed and received substantial financial support which we must, of course, supplement. We are happy to announce that we have signed a contribution agreement (otherwise known as a grant) with a value of **\$118,771** from the federal government under the **Canada 150 Community Infrastructure Program** to support our work as we complete the vision of a carbon neutral and modernized Community Hall.

The Canada 150 contribution agreement was announced in June at our concert tribute to Peter Appleyard. Michael Chong spoke on behalf of the federal government, and we read a message from the Minister of Innovation, Science and Economic Development, Navdeep Bains.

The Minister wrote:

"The Canada 150 Community Infrastructure Program will help preserve and improve treasured cultural and community locations across the country allowing Canadians and their families to enjoy moments of learning, leisure, and contemplation for years to come...The Eden Mills Community Hall is an important example of a space that brings Canadians together and will remain the cornerstone of activities in the area for years to come."



Now we have a challenge!
The Canada 150 grant must be matched through our own fund-raising by March 2018.





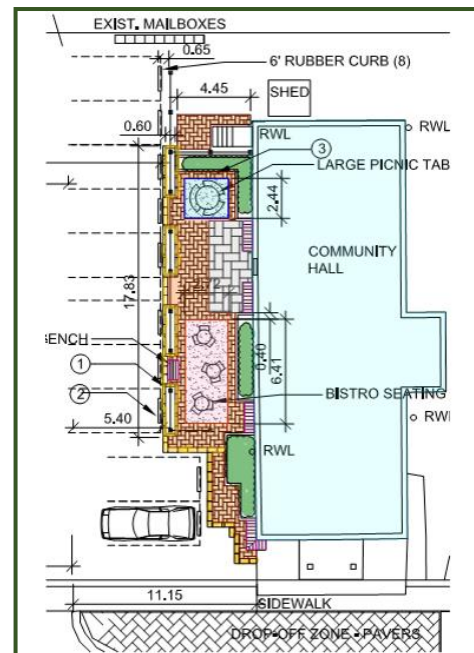
Projects Supported by Canada 150

Hall Retrofit and Tim's Garden

The **Canada 150 grant** is permitting us to undertake the following retrofit projects – you will have noticed lots of activity over the summer months. Our newly clad Hall is not only perfectly insulated but very attractive too!

- **Insulation of the Hall exterior walls; *DONE!* September 2017**
- Professional **upgrade of our theatre**; STAGE/SOUND SYSTEM – *DONE!* September 2017; Theatrical lighting system to come.
- **Re-wiring** of the Hall: *DONE!* August 2017
- Installation of second **hybrid air-to-air heat pump/high efficiency propane furnace**;
- Replacement of all **upstairs toilets** with efficient models;
- Replacement of the **basement floor at the back door**; and
- Addition of an **electronic control to the Hall's accessible back door**.
- Design and planting of **Tim's Garden**; PARKING LOT GRADING *DONE!* Final planting and furnishing to come. Vines will climb the trellises to create a green and shady environment, separate from the cars in the parking lot.

**Conceptual sketch
of Tim's Garden,
named in memory
of Tim Laing,
dedicated village
volunteer!**





Other Village Projects

Solar Panels

This year (2017) we have installed a **10 kW solar panel** array on the Hall roof ***DONE!*** thanks to a friendly loan from **Wellington Waterloo Community Futures Fund**. Using net-metering, that is putting our solar input revenues against our hydro expenses, we will be effectively covering our electricity costs by:

1. Using our own solar generated electricity during daytime/solar hours;
2. Banking any unused solar-generated electricity, produced in summer, with Hydro One for up to 12 months;
3. Applying our Hydro One energy credits during the winter.

With our energy savings, we will pay off the Futures Fund loan by 2032.

To access our to-date, real-time monitor of solar power production, just [click here!](#)



Village Square

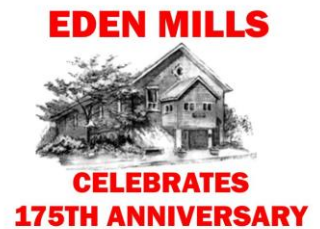


As you can see, York Street between Chapel and Church Streets is being re-built at this very moment! This work is integral to our plans for the heart of the village around the Hall. This work and design have resulted, in part, from comprehensive conversations with residents, some as recent as last July, some dating back more than 20 years, with an eye to traffic calming and Hall access.

The road will now be graded with a very gradual slope so that road rises to meet the Hall's entrance level and then falls again to Chapel Street. We will be marking this 80 metre raised area in front of the



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Hall as a broad pedestrian crosswalk, or, more meaningfully, as the Village Square. We need to raise funds for this finishing work, establishing the heart of Eden Mills as a place for people, and discouraging speeding cars.

Our Canada 150 fund-raising campaign

We must match the Canada 150 contribution and raise additional funds for the Village Square.

We can do this!

Over the past 15 years we've collectively succeeded in raising hundreds of thousands of dollars for capital projects at the Hall. We have had the assistance of Guelph Eramosa Township in both funding and facilitation, of the York Street renewal project. We have successfully applied for grants. Residents have organized events and made donations of all sizes.

Some residents have shared their considerable, nationally-recognized expertise with us for free – a huge contribution. Today let's tip our hats to Richard Lay, our very own award-winning engineer who has overseen the Hall energy retrofit over the past 10 years and brought us to this extraordinary moment. AND, to our very own architect Charles Simon who has worked steadily since 2007 on our going carbon neutral dream and on the Hall retrofit. Without these contributions we would not be a Canadian landmark!

For the Canada 150 fund-raising campaign, Guelph Eramosa Township has arranged bridge funding for the Club pending reimbursement from Canada 150 program and fund-raising. On the fund-raising front, the Community Club Board and several volunteers have been working on a plan which shares the load on this final retro-fit chapter and is full of fun!

First and most important, we have in the bank \$80,000 saved for this work and will raise the remaining funds through:

- Business donations
- In-kind donations
- Community events
- Individual donations

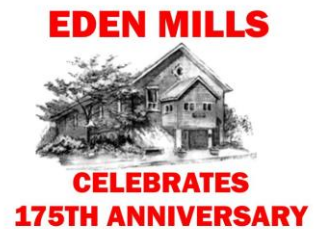
Business: We will be approaching local and sustainable energy businesses for their support, offering them permanent recognition in this uniquely efficient heritage building.

In-Kind: Along with lots of volunteer labour which has been donated already, we have sought in-kind donations of products for each aspect of the project. So far we have received at least \$20,000 in-kind from several businesses including:

- Solar Direct Canada – Energy meter
- C3PX Engineering – HVAC monitoring
- Unilock – Permeable pavers for the Hall entrance
- CSC-LED – Exterior lighting
- Grinham Architects – Technical drawings



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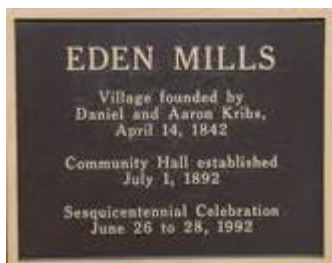
Community Events: Our fund-raising events committee includes the following enthusiastic people and is always happy to welcome more ideas, members and event volunteers:

Barb Parker, Linda Hendry, Ken Lancaster, Brian Skerrett, Sharon Blom, Marie Henault, Ruth Bowes, Linda Sword

Since April 2017 we have raised more than \$8000 through events, including the screening of the documentary *Watermark*, donations to Brian Skerrett and Sharon Blom's thoughtful wedding gift request, the Eden Mills Arts Festival Café, Ruth Bowes' NFB film series, Frank DeSantis and Ali Murchison's Wedding Fireworks, Marie Henault's BINGO, and two fall concerts. We have more exciting events planned – Watch for announcements and visit the [Canada 150 Donation Page on the Eden Mills website](#) for details and updates.



Individual Donations: We are celebrating many anniversaries in Eden Mills this year!



With the Hall retrofit we are laying the foundation for the next generations of villagers who will keep the spirit of Eden Mills alive in a sustainable Hall at its heart.

IT TAKES A VILLAGE!

With your donation, we can meet the Canada 150 Challenge!

\$175 donation in honour of the **175th anniversary** of the Village of Eden Mills.

\$150 donation in honour of the **150th anniversary** of Confederation.

\$100 donation in honour of the **100th anniversary** of the Eden Mills Community Hall.

\$79 donation in honour of the **79% reduction** in Hall CO² emissions up to 2017.

Your choice of donation in honour of the 10th anniversary of Eden Mills Going Carbon Neutral.

We are more than 170 households. If we all contribute, we can meet our goal!

Click: [Donate on line!](#) or

Mail a cheque to EMCC, 104 York Street, Eden Mills ON N0B 1P0

Donations to the *Eden Mills & District Community Club* are eligible for charitable tax receipts.