

EnviroCentre's Retrofit Accelerator

Supporting social housing deep energy retrofits
across Eastern Ontario

Agenda

- EnviroCentre's Work
- Roundtable around some key questions
- Take Aways



EnviroCentre Basics

- Environmental Not-for-profit
- Mission is to reduce emissions; we do a chunk of that work by reducing energy use
- Based in Ottawa, work across Eastern Ontario
- **25 years experience** in home energy efficiency and community outreach
- Supported over **30K energy retrofits**, 20K in social housing
- Energy experts: we deliver home energy assessments, conservation programs for IESO and Enbridge gas
- We have a strong focus on and experience with is affordable housing and reducing energy poverty



The Retrofit Accelerator: Why

- To reach climate targets, we need all homes to be net-zero by 2050
- Social Housing is a great place to start...consistent home/building models, upgrades required, lots of benefits for building owners and residents from energy efficiency
- There is funding available for social housing retrofits
- Energy retrofits are hard to plan and finance, and many housing providers have very limited time/resources to do so

That's where we come in.

We bring our expertise and time to retrofit planning to make these projects happen



How

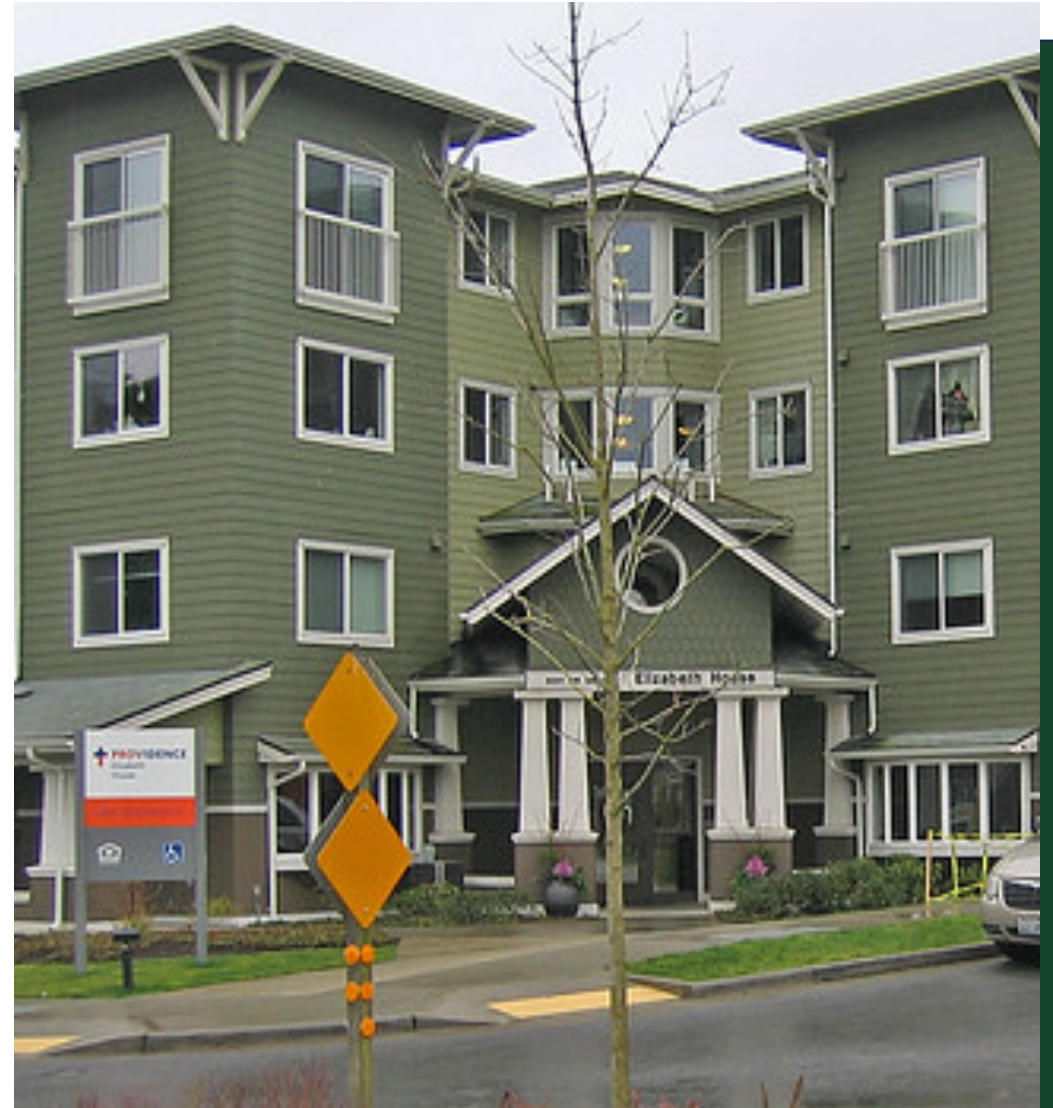
- EC has received funding from the federal government, over 3.25 years, to support getting this work off the ground, free-of-charge to participating building owners
- We have been working on an initial mass retrofit project, in Ottawa, for the last year
- We are expanding our services to Eastern Ontario



Targets

Over the next three years, we aim to have:

- Deep retrofits completed for 1050 units, planned for 3300
- 4-6 housing providers supported with full accelerator service
- Retrofit Accelerator team capacity to support 1500 unit retrofits/year



We support housing providers to...

- Build a practical deep retrofit plan*
- Find the financial resources required to complete the retrofit
- Engage tenants and stakeholders in the project
- Deliver the work
- Monitor outcomes
- Plan future projects

* **Deep Retrofit** = 50% energy savings + 80% GHG savings



We're also building the market

Targets:

- 22,500 units engaged in volume deal(s)
- Eastern Ontario deep energy retrofit roadmap developed, customized for housing providers and integrated into a national plan



And developing tools

- Three retrofit archetypes: townhouses, stacked townhouses, and flats/duplexes
- A Stepped Recommendation tool for small MURBs
- A Total Cost of Building Ownership education module
- Database of Ontario social housing building stock developed
- Database of Retrofit Materials Suppliers & Contractors



A current project

The Gloucester Housing Deep Retrofit

- 110 units (townhouses and stacked townhouses)
- 83% GHG reduction, 41% energy savings
- Replacing end-of-life gas heating systems with cold-climate air source heat pumps and water heaters, with backup natural gas
- Improving ventilation
- Adding air conditioning
- Leveraging grants, incentives, conservation program measures, so the project is extremely low-cost to Gloucester
- Tenants pay utility bills, and will see increasing savings over time



Benefits



Improved building
stock



Lower energy/water
costs



Simplified access to
financing, grants,
programs



Expert project planning
and quality assurance



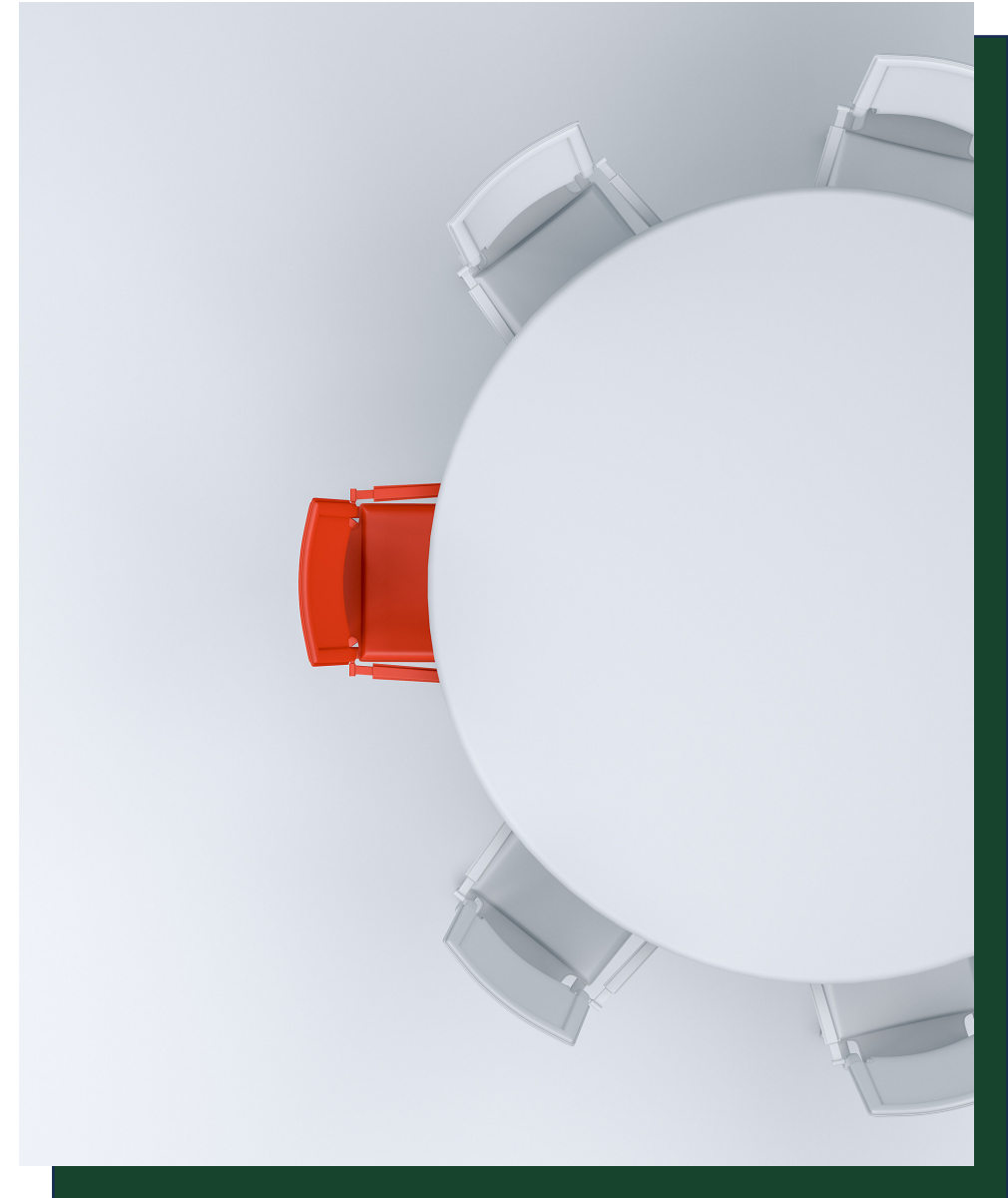
Happy, engaged
tenants



Roundtable

What is success? What are the required ingredients to accelerate mass, deep retrofits in social housing?

- What are the top three obstacles to completion of social housing deep retrofits, in your region?
- Are there policy/legislative changes required to support and/or streamline these retrofits? What are they?
- Should social housing be a priority for deep retrofits? Why?
- What are the required ingredients to engage a social housing provider in a deep retrofit planning process, and see it through to completion?



Key Takeaways: Sharing Our Insights and Discoveries



Call to action

- **Join Us in Transforming Communities:** Partner with us to bring deep energy retrofits to social housing across Eastern Ontario. Together, we can create sustainable and energy-efficient homes for all.
- **Collaborate for a Greener Future Now:** We invite industry professionals, policymakers, and community members to collaborate with us on innovative projects that drive energy efficiency in social housing.
- **Advocate for Change:** Use your voice to advocate for more funding and support for deep energy retrofits in social housing. Contact your local representatives today.
- **Get Involved:** Join our network of supporters and receive updates on our projects, events, and opportunities to make a difference in the lives of those in social housing.



Stay connected!

Website

envirocentre.ca

General Inquiries

energy@envirocentre.ca

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