

Let's *Talk*

Green Economy

Workshop Toolkit

Building Retrofits for SMEs: Part 1 & Part 2



In Ottawa, buildings are responsible for 45% of carbon emissions, mostly through natural gas heating and hot water. Which is why the first step for businesses looking to cut carbon emissions is to reduce the amount of combustion in their buildings.

Learn about energy efficiency

Energy efficiency for buildings – a guide by Natural Resources Canada (NRCan) on integrated design, energy codes, building life cycle, commissioning, recommissioning, retrofitting. Learn more [here](#).

Energy efficiency tips – learn about the latest news and tips on energy efficiency at work and home from NRCan. Read [here](#).

Energy efficiency certification – a guide to ENERGY STAR's energy efficiency rating for buildings. Read [here](#).

Resources for small businesses – read Save on Energy's energy-saving tips and resources to get started on your journey towards a more efficient business. Learn more [here](#).

Get an Energy Audit

Conducting an Energy Audit – a detailed explanation of what conducting an energy audit in your place of business involves by NRCan. Learn more [here](#).

EnviroCentre's Green Audits – EnviroCentre is one of two local organizations that can carry out NRCan certified energy audits. We offer a range of services from basic energy audits to more complete systems audits. Learn more [here](#).



Incentives for businesses

Incentives for businesses – learn about the incentives available for businesses through the Independent Electricity System Operator (IESO). Read more [here](#).

Retrofit incentives – learn about Save on Energy's retrofit program that provides opportunities to upgrade equipment and improve operations. Read more [here](#).

Lighting incentives – a guide to Save on Energy's Business Lighting Program that provides incentives for businesses to upgrade their lighting efficiency. Learn more [here](#).

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Energy manager program – for larger organizations hiring a dedicated energy manager can help your business save money and energy. Learn about Save on Energy’s incentive program [here](#).

Energy training programs – incentives are available to receive energy management training for your staff. Learn about Save on Energy’s programs [here](#).

Energy incentives for businesses – discover programs run by Enbridge Gas to provide support for businesses looking to save on energy. Read more [here](#).

Energy management programs – learn about the range of Enbridge Gas programs available to help businesses reduce emissions, purchase new heating equipment or create a more comfortable environment. Read more [here](#).

Federal incentives for the low carbon economy – learn about the Low Carbon Economy Fund (LECF) and the incentives it provides to generate clean growth, reduce greenhouse gas emissions, and help Canada meet or exceed the Paris Agreement commitments. More information [here](#).

Federal incentives for SMEs – learn about the support available for projects and measures undertaken by small- and medium-sized enterprises (SMEs), municipalities, universities, schools, hospitals (“MUSH sector”), and not-for-profit organizations through the Federal Climate Action Incentive Fund (CAIF). More information [here](#).





Success stories & case studies

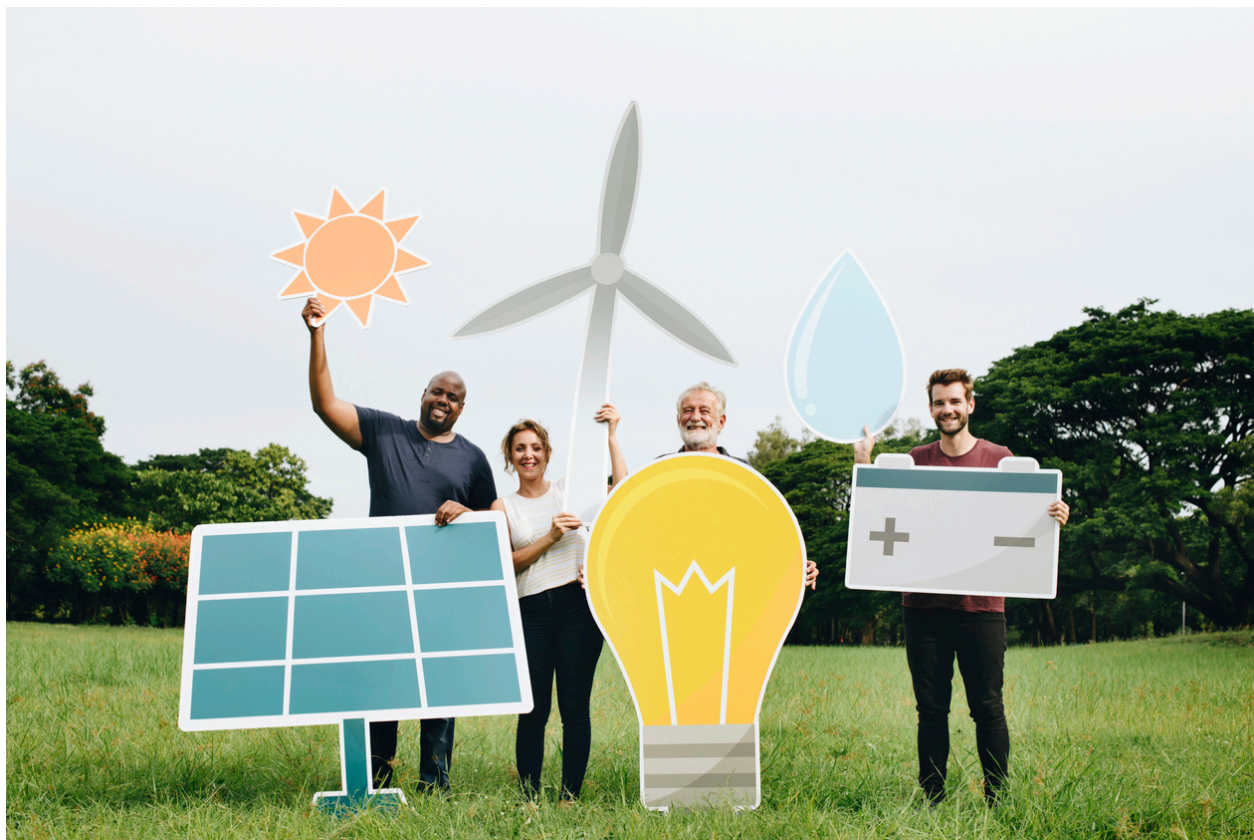
Retrofitting success story: the **Fisherman's Picnic** – [learn more](#)

Deep Retrofitting success story: **Jeanties Mini Mart** - [learn more](#)

Success stories in **electricity savings** – [learn more](#)

Energy management case studies from Eastern Ontario – [download pdf](#)

Case studies from **Green Economy Canada** – [learn more](#)



Green tools & certifications for your building

Natural Resources Canada (NRCan): Data analysis software and modelling tools HOT2000, RETScreen, CAN-Quest, Heat Pump Pre-Screening Tool etc. These and other tools are available for free download [here](#).

Canadian Green Building Council (CaGBC): The CaGBC offers several programs including the Zero Carbon Building Standard (information [here](#)), LEED (more information [here](#)), and the Zero Carbon Pilot Program (more information [here](#)).

Passive House Canada: This applies to very low energy use buildings that do not necessarily incorporate solar generation. Primarily for residential new builds, but can be commercial or retrofits. There is also an EnerPHit Standard for older buildings that can't be retrofitted to the Passive House Standard. More information can be found [here](#).

Canadian Home Builders' Association (CHBA) - Net Zero Home Labelling: This standard applies to private homes and MURBs and can also apply to renos. Net Zero Homes produce as much clean energy as they consume and are up to to 80% more energy efficient than typical new homes; renewable energy systems produce the remaining energy. There are over 250 Net Zero Lablled Homes in Canada so far, including several in Ottawa. This labelling program is delivered through EnviroCentre and other qualified SOs. More information [here](#).

Heat Pump Pre-Screening Tool (HPAC): Provides rapid assessment of heat pump systems. These and other tools are available for free download [here](#).



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Thank You!

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