



**reThink Green introduces the**

*2018 Sudbury-Manitoulin Low-Carbon Building Skills Partnership Project*

reThink Green is happy to announce our 2018 Sudbury-Manitoulin Low-Carbon Building Skills (LCBS) Partnership Project. We would like to take this opportunity to introduce Dawn Graham, the LCBS Program Manager, to our partners and the broader community.

The goal of this LCBS Partnership Project is to support Ontario's commitment to its Climate Change Action Plan by helping organizations involved in the design, construction and maintenance of buildings to increase their current and future workers' ability to provide low-carbon building skills.

The objective of this LCBS Partnership Project is to encourage the creation of strategic industry-labour-community partnerships that will be needed to:

- Address shortages or gaps in skills training related to low-carbon building;
- Support the development of innovative strategies to prepare for low-carbon building skills requirements, which can encourage new and emerging green building practices; and,
- Generate greater awareness and collaboration around low-carbon issues and opportunities in the design, construction and maintenance of buildings, through promotional information and community engagement activities.

The 2018 Sudbury-Manitoulin LCBS Partnership Project provides an opportunity for [reThink Green](#), in partnership with [Workforce Planning for Sudbury & Manitoulin](#) to assess the current capacity of the Sudbury and Manitoulin workforce to provide low-carbon building skills, and identify what additional skills and training may be required. This assessment will assist training providers, industry, unions, employment services and others with needed labour market intelligence.

This LCBS Partnership Project aligns with reThink Green's mission to bring together ideas, partners and resources to build a more sustainable community, and with its vision for a prosperous economy properly balanced and in harmony with the well-being of the global and local environment.

reThink Green gratefully acknowledges the financial support of the Government of Ontario.



## LOW-CARBON BUILDING SKILLS (LCBS) FACT SHEET

### WHAT IS LOW-CARBON BUILDING?

The goal of Ontario's Five-Year Climate Change Action Plan (CCAP) is to reduce greenhouse gas (GHG) emissions by 15% by 2020, 37% by 2030 and 80% by 2050.

Currently, buildings in Ontario account for 19% of our GHG emissions.

**LOW-CARBON BUILDING** means designing, approving, constructing, operating, maintaining and removing buildings in ways that reduce or eliminate the GHG emissions caused by the construction and operation of a building.

### SOME EXAMPLES OF LCBS:

- **Building retrofits** to reduce GHGs may include improving windows, lighting, boilers, chillers and insulation.
- **Building improvements** to reduce GHGs may include the installation of energy efficient and renewable energy technologies such as building automation, solar energy and geothermal.
- **Homeowners** can reduce GHGs by using low-carbon technologies such as heat pumps, solar thermal, high-efficiency windows, solar photovoltaics (PV) and energy storage.
- **Future incentives** may include building or purchasing low-GHG-intensity homes with a goal of working towards zero emissions.

### WHAT IS THE 2018 SUDBURY-MANITOULIN LCBS PARTNERSHIP PROJECT?

To reduce GHG emissions from buildings, Ontario needs a workforce that is knowledgeable, trained and skilled in building retrofits, new green construction and building operations, and energy management.

This LCBS project is a partnership between [reThink Green](#) and [Workforce Planning for Sudbury & Manitoulin](#) and has been funded by the Government of Ontario.

