

Building green for a greener future

The goal of the Green Building Policy is to create cost-effective buildings that respect the environment and contribute to healthier and more sustainable communities. That is why both government and the private sector recognize that green building makes sense. Working together, under the new policy, Manitobans can look forward to seeing more and more industry professionals adopting innovative green building design and construction practices.

For more information

For detailed information about Manitoba's Green Building Policy visit:

manitoba.ca/seeinggreen/greenbuilding

e-mail greenbuilding@gov.mb.ca

or call 1-866-626-4862

For information about Manitoba Hydro's Power Smart Design Standards visit:

hydro.mb.ca/psfb

e-mail: powersmartforbusiness@hydro.mb.ca

or call 1-888-624-9376



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The

Green Building

Policy



for Government of Manitoba Funded Projects

Manitobans are seeing
green

A small icon of a pair of blue-rimmed glasses with green lenses.

Manitoba The Manitoba logo features the word 'Manitoba' in a bold, sans-serif font, followed by a stylized white bison silhouette.

Manitoba is a leader

Our province has a strong history of building green. The past decade has seen Manitoba building owners and developers choosing green practices and materials to construct a wide variety of buildings in the province.

The Green Building Policy

Building on that leadership, the Manitoba government introduced a Green Building Policy in April 2007. The policy is designed to ensure that new, provincially funded buildings are less costly to operate and maintain, use less energy, and produce fewer greenhouse gas and other emissions than conventional buildings.

The Green Building Policy for Government of Manitoba Funded Projects requires:

- use of an integrated design process
- minimum levels of energy efficiency
- life-cycle costing of the building or building systems
- minimum LEED® (Leadership in Energy and Environmental Design) Silver certification
- preference for low or zero carbon renewable energy sources

Building Green – The Opportunity

In Canada, buildings use about one-third of all energy; produce approximately one-third of all greenhouse gas emissions; and are responsible for about one-third of all solid waste in landfills due to construction and demolition. With green building, there is an opportunity for buildings to contribute to broader public policy objectives of using energy more efficiently, addressing climate change and promoting sustainable communities.

What is green building?

- energy efficiency and renewable energy
- water efficiency
- greener building materials
- better indoor environmental quality, including day light and views
- sustainable sites and less infrastructure

What is the integrated design process?

The integrated design process provides the opportunity for building owners and the people who fund, supply products to, design, construct, inspect, operate, maintain and occupy buildings to make all major building design decisions together as a team. This makes the design process more efficient and results in a cost-effective green building.

What is Life-Cycle Costing?

Life-Cycle Costing is a method for evaluating the economic costs of a project or project alternatives over a specified time period. Applied to buildings or building systems, life-cycle costing sums all relevant costs over a designated time period, including: the costs of designing, purchasing/leasing, constructing/installing, operating, maintaining, repairing, replacing, and disposing of a particular building design or system. Life-cycle costing allows for better financial decision-making about buildings and building components.

What is LEED®?

LEED® (Leadership in Energy and Environmental Design) is an internationally recognized green building rating system. LEED® helps define green building and provides independent third-party verification and certification of green building projects. In Canada, LEED® is administered by the Canada Green Building Council (CaGBC). For more information, visit www.cagbc.org or contact:

Canada Green Building Council

325 Dalhousie Street, Suite 800
Ottawa, Ontario K1N 7G2
Toll Free: 1-866-941-1184
E-mail: info@cagbc.org

Green building benefits all

Compared to conventional buildings, green buildings can:

- reduce energy, water, and sewer costs
- reduce operation and maintenance costs
- reduce greenhouse gas emissions
- promote the use of clean renewable energy
- help protect our rivers and lakes
- enhance occupant comfort and health
- help attract and retain employees and tenants, and boost property values
- reduce negative impacts upon the environment and the depletion of natural resources
- promote environmental awareness
- create a demand for green, and more sustainable, products and services