

**COLLABORATION
LEADERSHIP
VISION
INNOVATION
SOLUTIONS**

ONTARIO
QUÉBEC
NOVA
SCOTIA
NEW BRUNSWICK
MANITOBA
BRITISH-
COLUMBIA
PRINCE EDWARD
ISLAND
SASKATCHEWAN
ALBERTA
NEWFOUNDLAND
AND LABRADOR
NORTHWEST
TERRITORIES
YUKON
NUNAVUT

MANITOBA AND CLIMATE CHANGE

Objectives/priorities

- Developing Manitoba’s new action plan on climate change and the green economy. This plan will aim to achieve the following:
 - » Seek ways to achieve reductions in GHG emissions over the long-term while also ensuring that the province is assessing climate risk and developing appropriate strategies for adaptation;
 - » Developing a pathway forward to shift to a low-carbon economy, that is both sustainable and socially equitable; and
 - » Developing a green economy and jobs.
- Investing in new, sustainable hydroelectric generation and transmission.
- Creating a new energy Demand Side Management agency to drive energy efficiency.

Highlights/measures/actions

Manitoba’s actions include:

- Between 2000 and 2012, Manitoba’s relatively low emissions have been flat while the economy grew by 70%, among the top 3 in Canada, and the population increased by 9%.
- Creating a comprehensive environmental protection plan – TomorrowNow.
- Investing billions in clean, green hydro energy, providing a 16 per cent increase in hydro electricity generation from 2012 levels.
- Adapting to climate change by investing billions in flood-proof infrastructure.
- Leading North America on energy efficiency. Manitoba Hydro’s Power Smart program has saved over 700,000 tonnes of GHG emissions and saves consumers more than \$36 million on their energy bills annually.
- Leading on geothermal installations, including more than 11,000 geothermal heat pump units installed.
- Phasing out Manitoba’s last remaining coal facility by 2019.
- Implementing a tax on coal and petroleum coke and redirecting revenue to biomass energy.
- Banning coal and petroleum coke for use as heating fuels.
- Mandating biofuels and providing related production tax incentives, resulting in the reduction of 400,000 tonnes of GHG emission reductions annually.
- Using bio-diesel and hybrid buses for transit fleets.
- Investing millions in active transportation infrastructure.

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- Funding a 50/50 public transit partnership and funding investments in rapid transit.
- Dedicating funding for energy efficiency in low income and First Nations communities.
- Developing an all-electric, battery-powered transit bus.
- Providing incentives for commercial trucking industry to reduce emissions.
- Developing new technologies for agricultural producers to reduce emissions.
- Offering tax incentives to reduce GHG emissions from manure.
- Capturing landfill gas and creating a landfill levy while investing in waste recycling.
- Implementing Manitoba's Green Building Policy and Legislation.
- Adopting the new National Energy Code for Buildings.
- Implementing Canada's first Pay-As-You-Save, on-meter financing program for efficiency retrofits.
- Implementing energy efficiency retrofit programs for low income homes while also providing training and jobs for people with barriers to employment.

Opportunities for sustainable economic development

- Manitoba's new climate change action plan will incorporate a **Green Jobs Strategy** for developing and deploying new low-carbon technologies, as well as products and services that will help people reduce emissions, identify climate risks and adapt.