



From Modelling to Action: *Translating Insights into Sustainable Policies*

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About ACfE

- The Atlantica Centre for Energy proactively engages with industry, government, the education and research sectors, and the public to foster sustainable growth related to energy opportunities in Atlantic Canada.
- Work to improve energy literacy, facilitate dialogue across the energy sector, and foster partnerships in the region.



My background

- Grew up in New Brunswick but worked in Manitoba between 2016 – 2021.
 - Worked for a large national advocacy organization
- Worked for a New Brunswick Member of Parliament from 2010 – 2015.



Advice: What to do

- Solve a problem government(s) want an answer to.
- Find a partner or partners for your research (inside and outside of government)
- Keep your messaging simple.



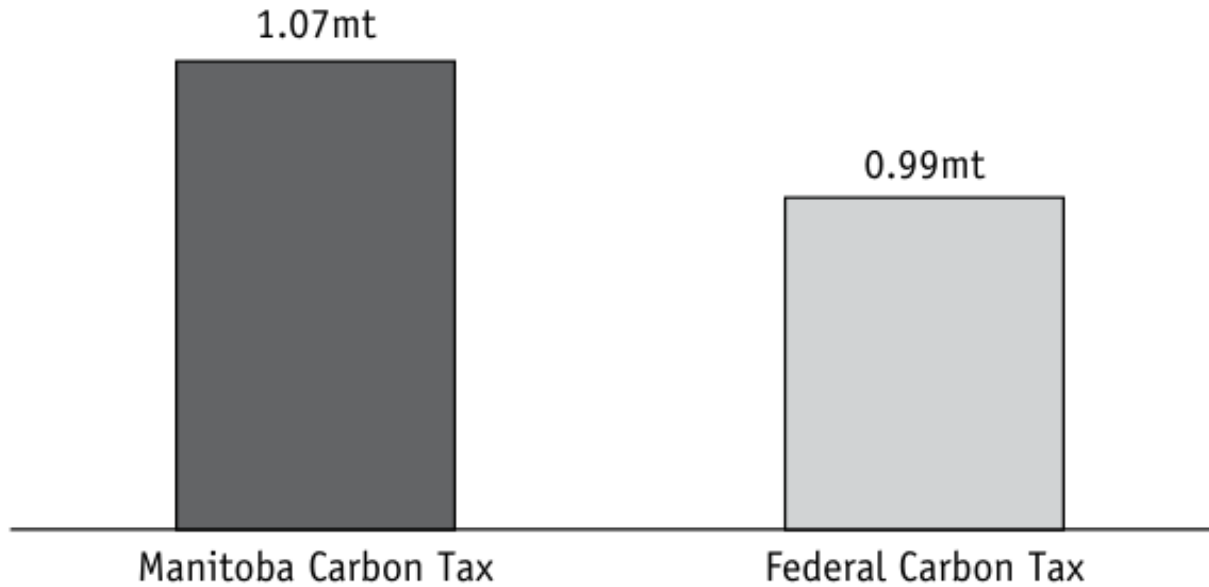


Takeaways from the Made-in-Manitoba Green Levy



Figure 10. Comparison of Cumulative Emissions Reductions (2018–2022)

Megatonnes



Source: Manitoba Sustainable Development

Initiative	Description	Estimated Cumulative Emissions Reductions (tonnes) 2018- 2022
Carbon Price	Flat \$25 per tonne carbon price	1,070,000
5% biodiesel mandate	All diesel sold at pumps in Manitoba would be required to contain at least 5% biodiesel content.	360,000 – 431,000
Efficiency MB	A new stand-alone agency to reduce electricity and natural gas consumption in the province through innovative products and programs, including green heating and green buildings.	342,000
Organics Diversion	Establishing an organics diversion target of 100,000 tonnes and adopting measures to support the waste diversion target.	270,000
Coal Phase Out	Phasing out Manitoba's last remaining coal unit ahead of schedule.	45,000 – 187,500
HD Truck Retrofits	A heavy-duty (HD) diesel truck retrofitting rebate program.	150,000
ODS Recovery	Implementing measures to optimize management of end-of-life white goods containing ozone depleting substances (ODS) and halocarbons.	60,000
Electric Buses	Replacing 100 diesel city buses with clean electric buses.	47,000
Low Carbon Government	Adopting measures to reduce emissions in government buildings, transportation, and waste streams.	30,000 – 38,500
Agriculture Best Management Practices (BMP)	Supporting on-farm BMPs that reduce agriculture emissions.	16,750 – 33,500
Displacing Propane in Churchill	Displacing propane heating with electric heating in up to 200 Churchill homes.	3,000 – 6,000
TOTAL CUMULATIVE EMISSIONS REDUCTIONS (TONNES)		2,393,750 - 2,635,500
TOTAL NON-PRICING CUMULATIVE EMISSIONS REDUCTIONS (TONNES)		1,323,750 - 1,565,500

These projections are estimates only and will be refined as part of each Carbon Savings Account process with more detailed modelling considering their interactive effects and other economic factors.

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Advice: What NOT to do

- Don't be deceptive.
 - Be forthcoming and honest.
- Don't engage stakeholders too late.
 - Be proactive and inform parties that could be impacted by the changes you are encouraging.
- Don't be too early or too late.
 - Timing matters for when research or policy ideas are released.
- Don't be inflexible.
 - Be willing to adjust your policies to find longer-term consensus.

“In reality, Manitoba was never sufficiently the federal government’s concern. It was focused on getting emissions reductions in Ontario, Quebec and Alberta. Acceding to Manitoba’s pricing schedule would have compromised that goal... Political devotion to the framework ultimately trumped political pragmatism.”

- David McLaughlin



Thank you.

Learn more:

www.AtlanticaEnergy.org

