



AMM and The Manitoba Climate & Green Plan

AMM Convention
November 27, 2019



Manitoba 



VISION

Manitoba will be Canada's cleanest, greenest and most climate resilient province.

STRATEGIC APPROACH

Lead and innovate in sustainable development.

Climate



Jobs



THE
FOUR
PILLARS

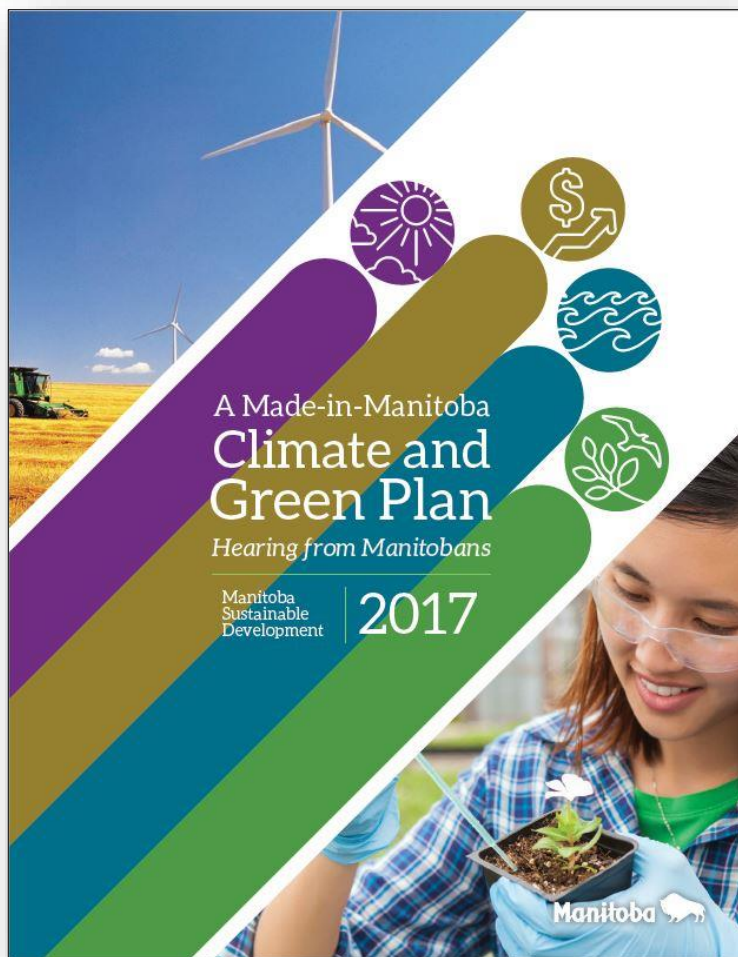
Water



Nature

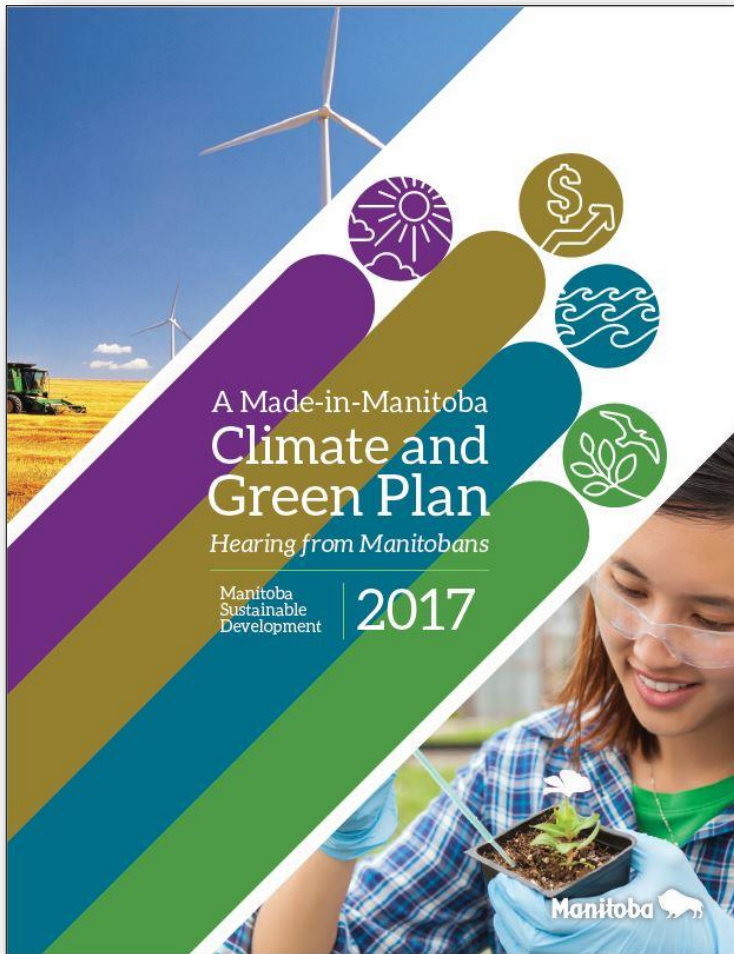


Manitoba's Climate and Green Plan



- **Reduce GHG emissions and address the effects of climate change**
- **Promote sustainable development**
- **Improve the management and protection of Manitoba's water resources and**
- **Preserve and protect Manitoba's natural habitat and biodiversity**

Manitoba's Climate and Green Plan



Highlights of The Climate and Green Plan Act:

- Carbon Savings Accounts
- Expert Advisory Council
- Low Carbon Government Office
- Provincial – Municipal partnership opportunities



Carbon Savings Accounts (CSA)

- New model for GHG emissions target-setting & governance
- Three 5-year CSA periods 2018-2032
- Goals will be practical, transparent, & measurable
- Incrementally ambitious 5-year CSA periods

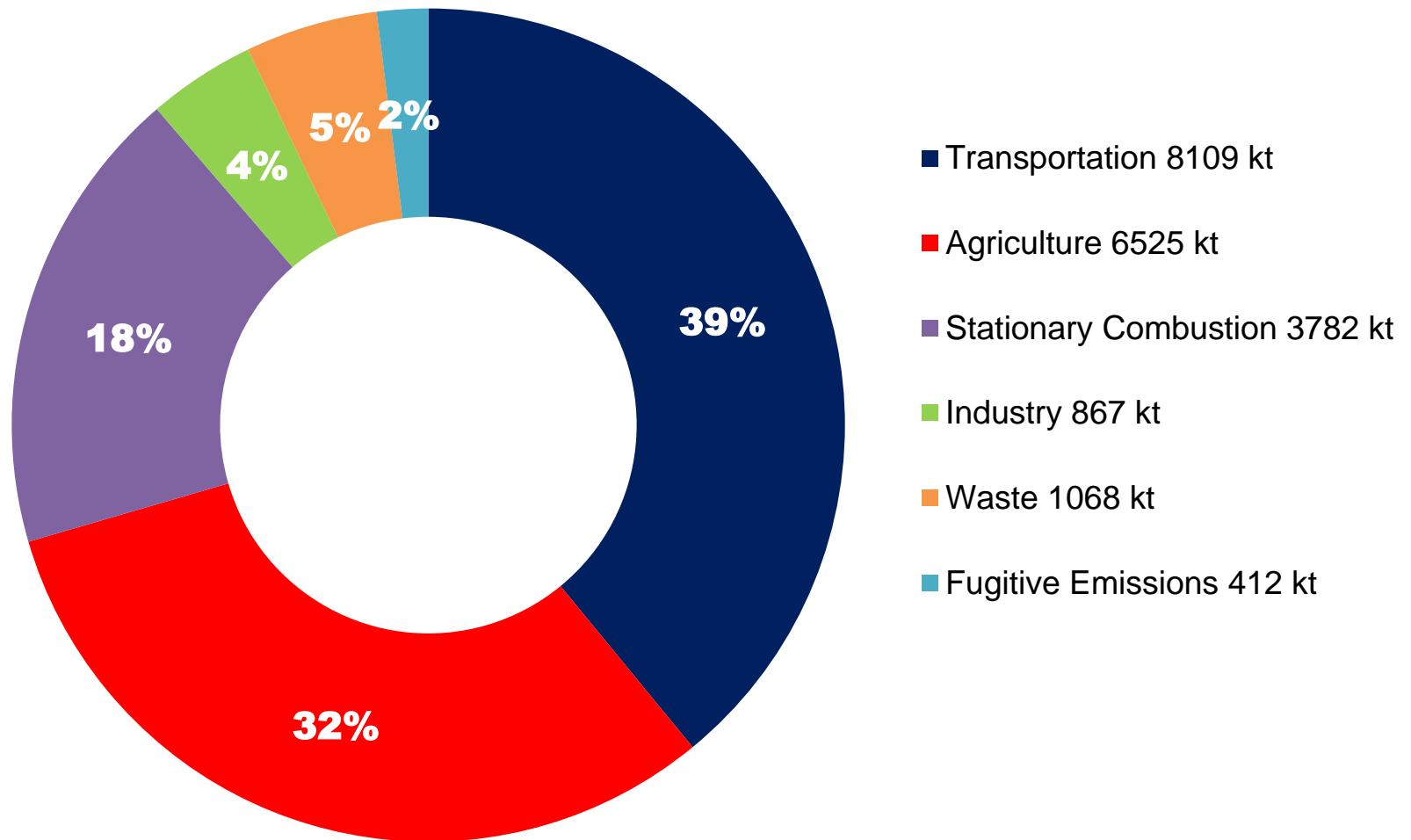


Carbon Savings Accounts (CSA)





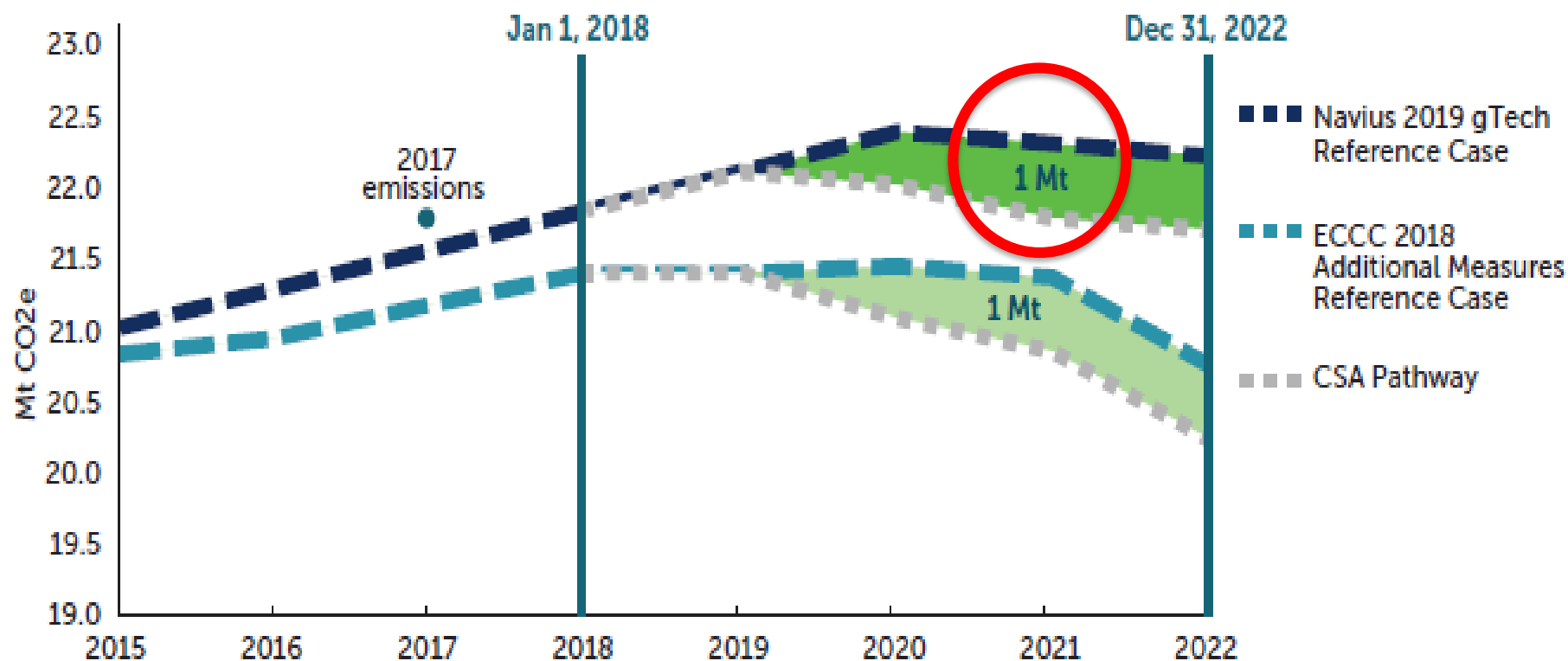
Manitoba's Emissions: 20,762 kt CO₂e



Manitoba Emissions (2015)



Manitoba's Target: 1,000,000 tonnes



Data Source: 2018 Additional Measures Reference Case & Navius Research Inc. Forecast & Navius Research Inc. Modelling and Analysis 2019.



CSA Progress to date:

- Shut down of the Brandon 5 coal-fired unit
- Efficiency Manitoba: energy efficiency programs
- Fuel Efficiency Program for Commercial Trucking
- GROW Program
- Biodiesel & Ethanol Mandate



Expert Advisory Council

The Plan relies on advice from experts across Manitoba to make good, science-based decisions on:

- CSA mechanism
- CSA targets
- Actions to achieve our CSA target



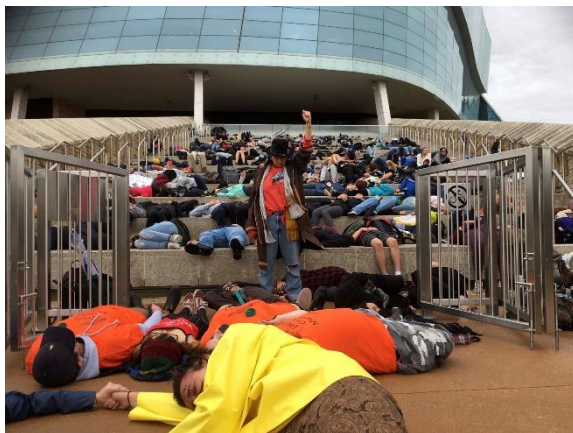
Expert Advisory Council



Members of the Expert Advisory Council: Karla Guyn, Dimple Roy, Jim Irwin, Dennis Anderson, Minister Squires, Laurie Streich, Colleen Sklar (chair), Andrew MacSkimming, Ian Gilies



Youth Advisory Council



Manitoba forming youth environmental council

[Josh Aldrich](#)
More from Josh Aldrich

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Conservation and Climate Minister Sarah Guillemard Kevin King / Kevin King/Winnipeg Sun

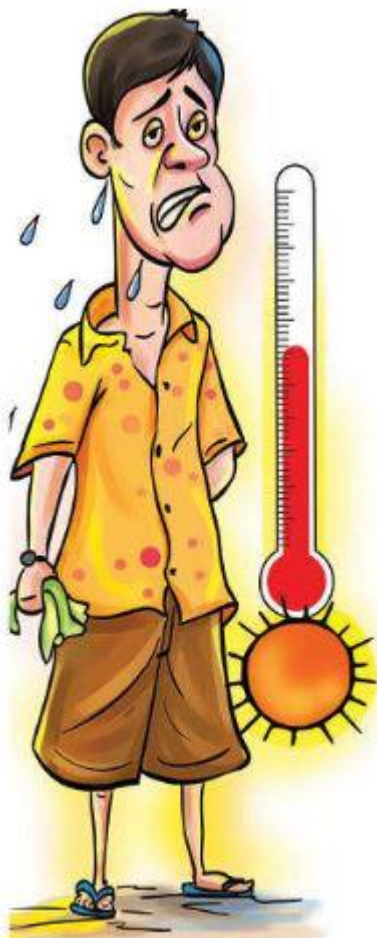
Engagement & Outreach with Manitoba Municipalities



<http://www.thecomicstrips.com/subject/The-Collaboration-Comic-Strips.php>



Forecasted Impacts: Drought



ECONOMY

12 Manitoba rural municipalities declare state of agriculture emergency due to severe drought



BY ELISHA DACEY - GLOBAL NEWS

Posted August 29, 2019 7:14 am

Updated August 31, 2019 1:56 pm



— 12 Manitoba RMs declared a state of agricultural emergency Thursday. *Getty Images*



Forecasted Impacts: Flood



Flooding of Lake St. Martin First Nation 2011
source Government of Manitoba



Flooding in St. Adolfe, 2009
source John Woods / Canadian Press



Forecasted Impacts: Fire



Vita wild fires October 2012
source Winnipeg Free Press



Forecasted Impacts: Severe Storms



Vita snowstorm October 2012
source CTV Winnipeg



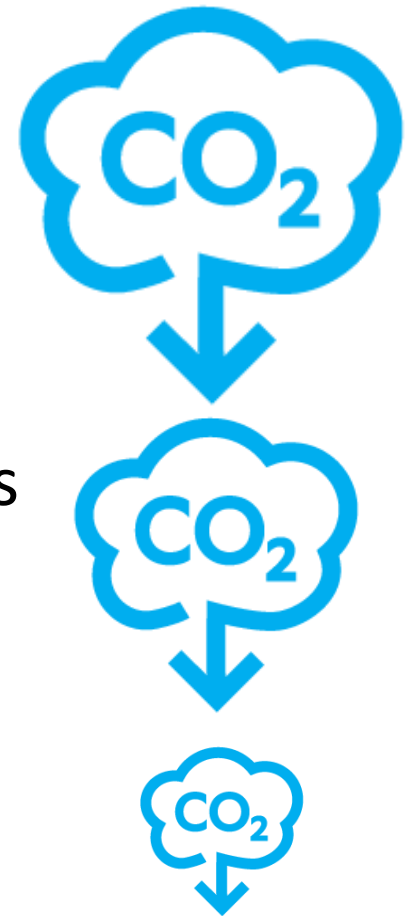
Brandon overland flooding June 2014
source Tim Smith Brandon Sun



Low Carbon Government Office

Work in partnership to:

- Develop and implement policies, strategies and initiatives to reduce GHG emissions of government entities
- Report on emissions and activities annually
- Work with municipalities on advancing climate change mitigation and adaptation

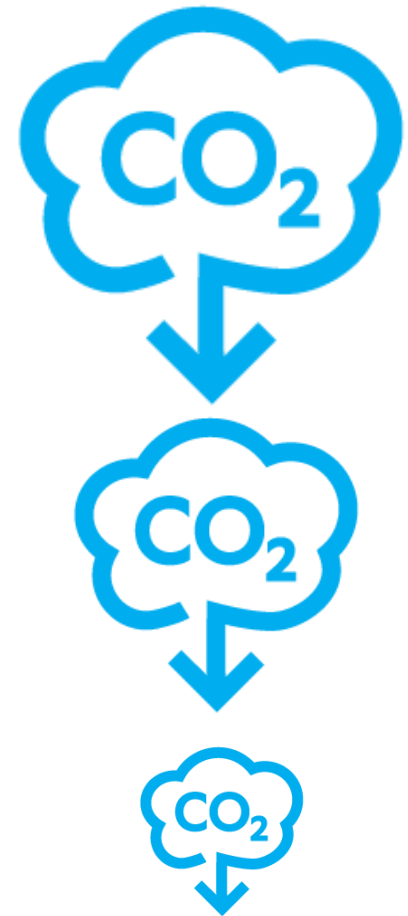




Low Carbon Government Office

Focus on operations and alignment:

- Sustainable procurement
- Improved building design, construction & management
- Reduced fuel consumption by fleet & equipment
- Innovative use and management of ICT
- Improved waste reduction and management

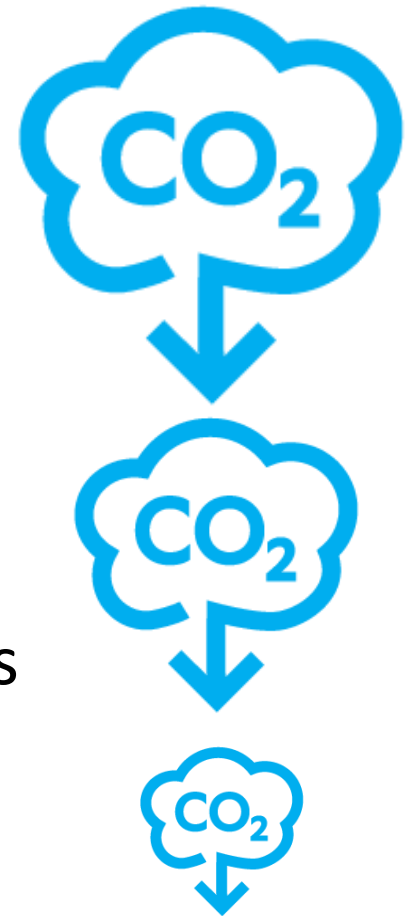




Low Carbon Government Office

Collaborate for leadership through:

- Shared expertise
- Alignment for efficient use of resources
- Mandating participation of the provincial GRE
- Working with other public entities (municipalities, indigenous communities, FPT etc.)





AMM & Manitoba working together:

Opportunities: to collaborate

Climate

- Carbon Savings Accounts
- Greener fuels and renewables
- Waste management

Jobs

- Manitoba Works 40,000 Job Plan
- Low Carbon Government Action Plan

Water

- Adaptation & Resilience to flood and drought

Nature

- Natural infrastructure



AMM & Manitoba working together

Opportunities: to maximize resources

- Facilitating trilateral partnerships & funding

Pan-Canadian Framework

Low Carbon Economy Fund – Leadership / Challenge

Other federal funding

NRCan programs

Disaster Mitigation Assistance Fund

Infrastructure

FCM programs

Potential projects:

Displacing Propane, Afforestation,

Waste Management



AMM & Manitoba working together

Opportunities: to maximize resources

- Facilitating trilateral partnerships & funding
- Accessing expertise like the Prairie Climate Services Network

To help us find the right approaches for Manitoba-specific solutions



AMM & Manitoba working together

Opportunities: to maximize resources

- Facilitating trilateral partnerships & funding
- Accessing expertise like the Prairie Climate Services Network
- Adaptation - Learning from each other

Surveying mitigation and adaptation activities so we can learn and share from experience



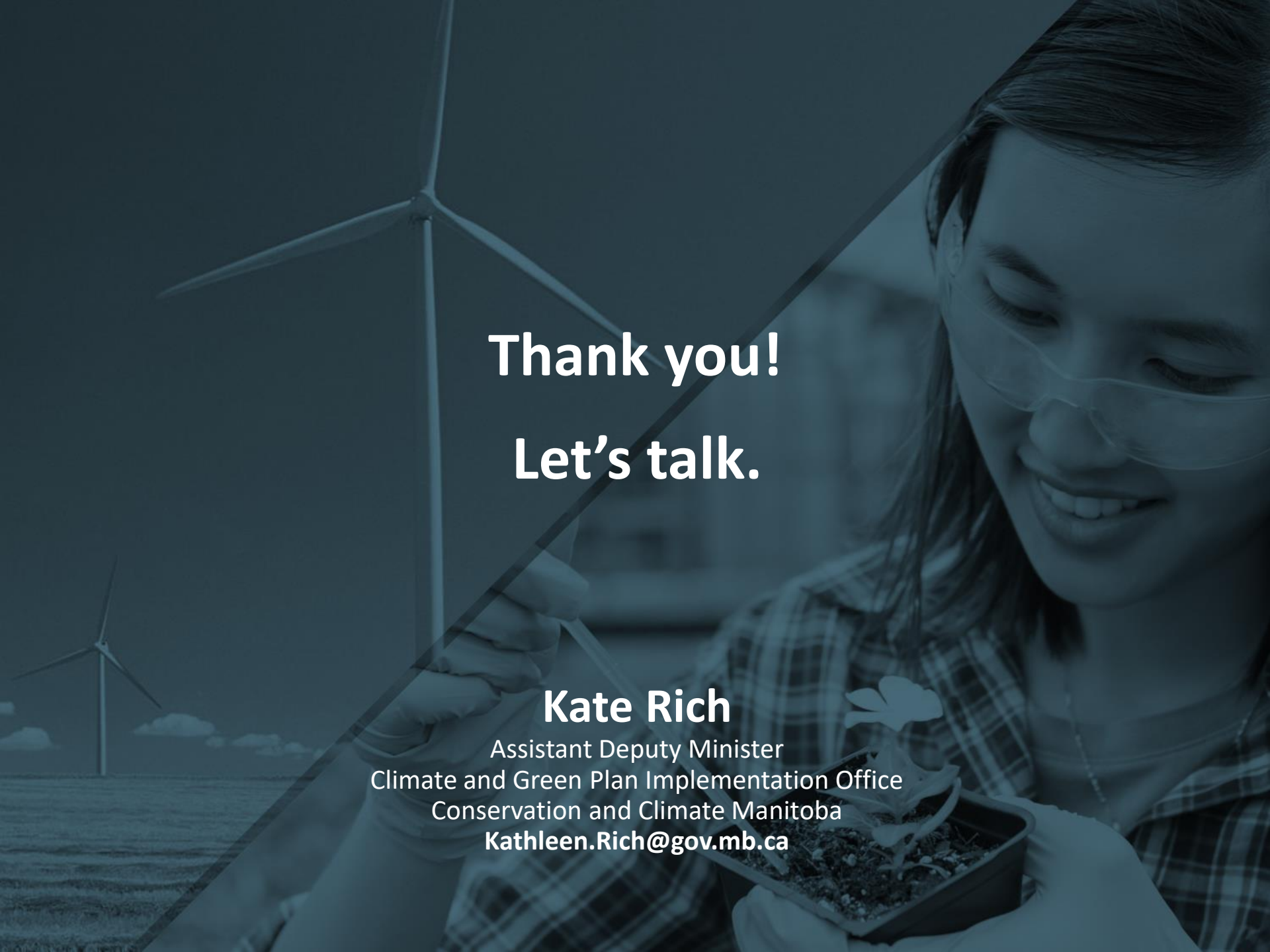
AMM & Manitoba Working together:

What are our common areas of interest:

- climate change and resilience?
- green jobs and a low carbon economy?
- greening fuels and increasing renewables?
- modernizing waste management?
- collaborating and leadership in government operations?

How can we help each other?

How shall we learn together?

A woman with long dark hair, wearing safety glasses and a plaid shirt, is smiling and looking down at a small plant in a black container. She is holding a pipette and appears to be watering the plant. In the background, there is a large wind turbine in a field under a clear sky.

Thank you!
Let's talk.

Kate Rich

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