

# The State of Organic Waste Diversion in Manitoba

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Manitoba Association of Regional Recyclers

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Manitoba Sustainable Development



# Organic Waste in Manitoba

- 916,054 tonnes of waste disposed in 2017
- 30-40% of waste disposed is organic material
- 274,816 to 366,422 tonnes of reported waste was organic material

# Landfilling Organics

- Produces methane emissions (potent greenhouse gas)
- Loss of a valuable resource

# Benefits of Organics Diversion

- Extends the lifespan of landfills
  - Landfill closure costs are high
  - Building a new landfill is expensive

# Benefits of Organics Diversion

- Avoid WRARS levy of \$10/tonne
- Material can be composted/chipped locally, reducing transportation costs
- Revenue from selling finished
- compost/wood chips
- Costs avoided by using finished compost/wood chips instead of purchasing



# What is Composting?

- Composting is the biological decomposition of organic material carried out under controlled aerobic conditions, undergoing a thermophilic phase that produces compost.
- Compost is a mature solid product that has undergone the composting process and can be used as a soil amendment without causing environmental harm.

# Benefits of Compost

- Valuable Soil Amendment
  - Improves soil structure
  - Adds nutrients
  - Improves crop yields



# Benefits of Composting

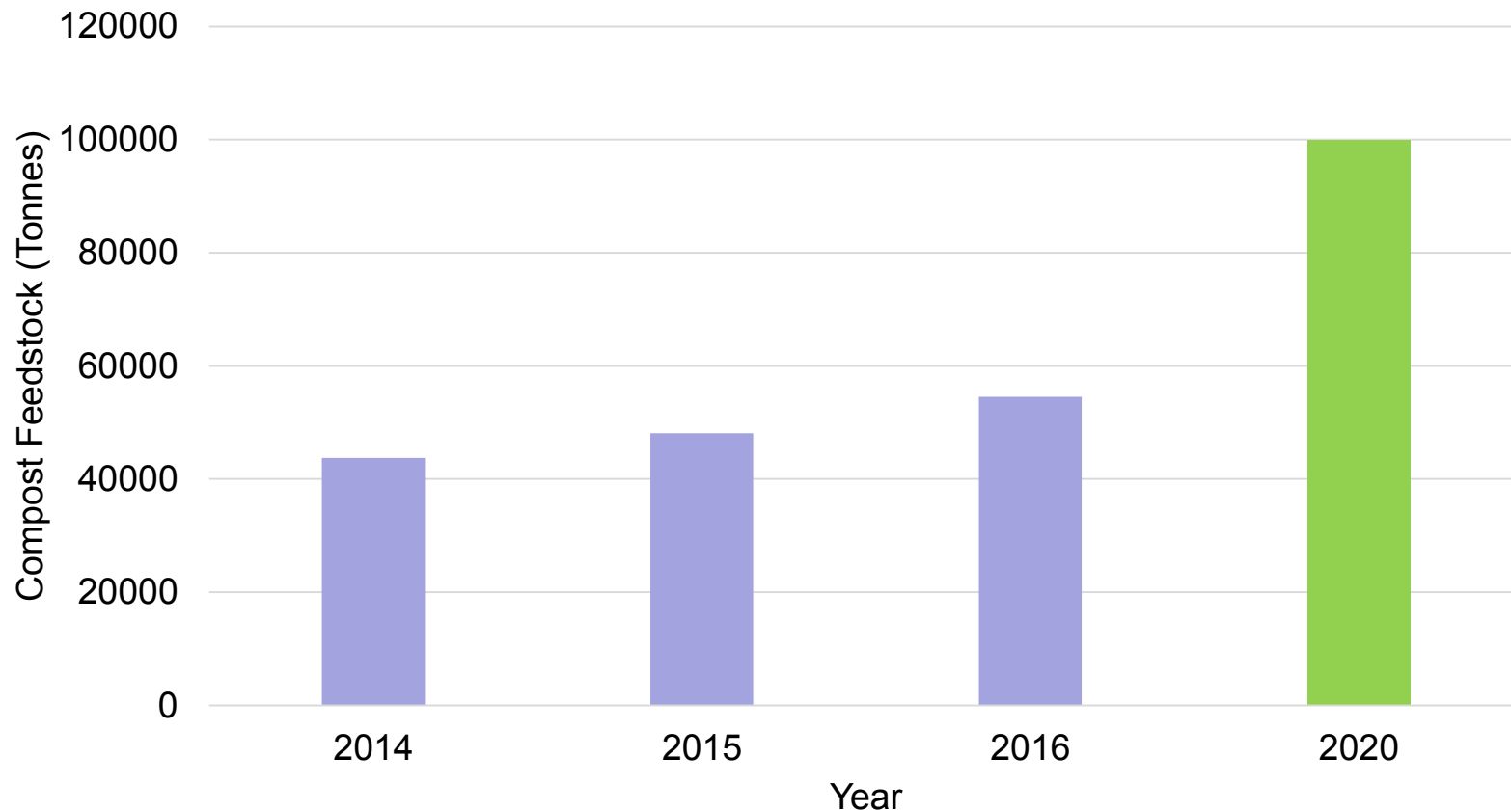
- Reduces GHGs emissions
- Creates jobs





# Manitoba's Organics Goal

**Organic Material Diverted from Landfill (2014-2016)**



# Manitoba Composts

- Established in 2014 - up to \$1 million annually
- Incentive Payments & Project Funding
  - Manitoba Composts Support Payment Program (MCSP)
  - Project Funding (WRARS Grants)
    - Capital Investment, Training, etc.

# MSCP Eligible Materials

- Basis of payment for eligible organic materials:
  - Food waste (residential and ICI sources)
  - Leaf and yard waste
  - Clean chipped wood waste
  - Manure and bedding (ICI sources)



# MCSP – Program Criteria

- Report annual tonnage of eligible organic waste processed and compost produced



City of Brandon Compost Facility

# MCSP – Program Criteria

- Facility must be a composting site
- Compliant with Environment Licence/  
Permit Requirements
- Certified Compost Facility Operator



# MCSP – Program Criteria

- Compost produced must meet ‘Category A’ parameters
  - Compost must be tested at a CQA accredited laboratory
- A marketing plan for the use or distribution of the final product



# Compost Facilities Registered for the MSCP



# MCSP Program

- 2016: 56,193 tonnes processed  
**\$616,506** in MCSP payments
- 2015: 48,130 tonnes processed  
**\$548,126** in MCSP payments
- 2014: 45,805 tonnes processed  
**\$488,334** in MCSP payments





# Project Funding

- WRARS project funding is available
- [www.gov.mb.ca/sd/funding](http://www.gov.mb.ca/sd/funding)



# Next Steps

- 2017 Processed Material Reports
- Continue Supporting Projects
- Climate Change Strategies
- Work with and Support Local Stakeholders
- Review Current Program and Fine Tune with Improvements

# Training

- Compost Council of Canada is offering the Compost Facility Operating Practices Course and Exam in Winnipeg from November 19-21.
- Registration deadline is November 14
- Call the Compost Council or email me for the registration form  
[Jennifer.Lusk@gov.mb.ca](mailto:Jennifer.Lusk@gov.mb.ca)

# Questions?

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City of Steinbach Compost Facility