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CLIMATE  
LEADERSHIP  
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Public Sector and Local  
Government Action

# Pre-treated Organics Diversion Program



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*City of*  
**NELSON**

# Nelson Next Climate Plan

## Aspirational Goal

Nelson has a thriving circular economy and generates the lowest waste per capita in Canada

## Priority Tactic

Deliver an efficient, cost effective, city-wide Organics Diversion Program



# What is Pre-Treatment?



# Why Pre-treat Organic Waste?



1. Emissions Reductions
2. Source-based solution for reducing wildlife encounters
3. Extend the life of the landfill
4. Less contamination at organics facility
5. Improve household waste management



	Weekly Curbside Collection	Household Pre-Treatment
Annual Collections	52	8
Transportation Emissions	53,675 KG Co2E/Yr	1,032 KG Co2E/Yr
Estimated Annual Emissions Reductions	957 TCo2E	1,597 Co2E



# Pre-treated Organics Diversion Program Overview

- 2020 Pilot Projects in Partnership with FoodCycler Science
- Feasibility Study (cost, GHG reductions, co-benefits)
- Funding: **LGCAP**, Columbia Basin Trust, FCM Green Municipal Fund
- Green Procurement (modular design, end-of-life responsibility)
- Partnership Agreement with FoodCycler Science
- Bylaw Amendment



# Pre-treated Organics Diversion Program Overview

- Full Neighborhood Rollout currently underway
- Community Social-based Marketing & 1-1 Support
- Comparative Analysis with weekly curbside model
- Replicability & Program Guide
- Community Rollout with Council Approval



# Pre-treated Organics Diversion Program





# Thank You

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