

**Calgary**



# Organics Landfill Bans

**The City of Calgary**





## Agenda

- Background
- ICI Strategy Development
- Current status of management of organics
- Ongoing consultation
- Ban details
- Education
- Lessons learned



## Background

- 34% of waste was from ICI (Industrial, Commercial and Institutional) sector
- 25% of that was organics
- Other major material was paper and cardboard (35%)

Figure 1: Waste disposed at City landfills by weight in 2012

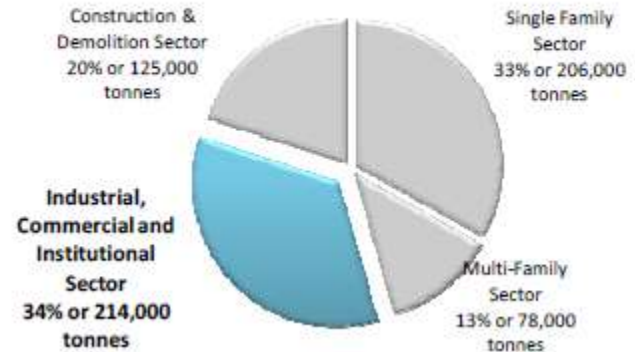
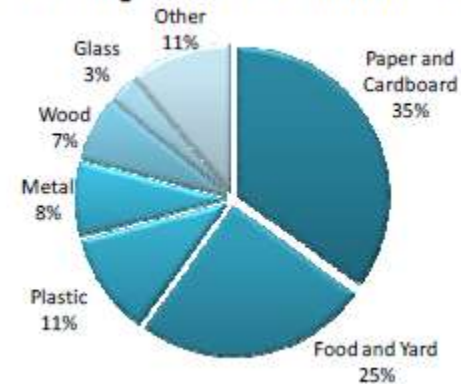


Figure 2: Percentage of materials in the ICI waste stream



Source: ICI Waste Diversion Strategy, Council report, 2014



## ICI Strategy

- Diversion goal of 80% by 2020\*
- Started engagement in 2012
  - Consultant researched best practices
  - Best practices were ranked by stakeholders
  - Stakeholders engaged on timeline

\*this goal has since been adjusted



## Stakeholders' Preferred Options

- Most highly rated options by stakeholders were:
  - Zero waste special events
  - Waste diversion promotion
  - Food redirection
  - Mandatory source separation
  - Establish a working group on ICI waste diversion



# Waste Diversion for Businesses and Organizations City initiatives at a glance

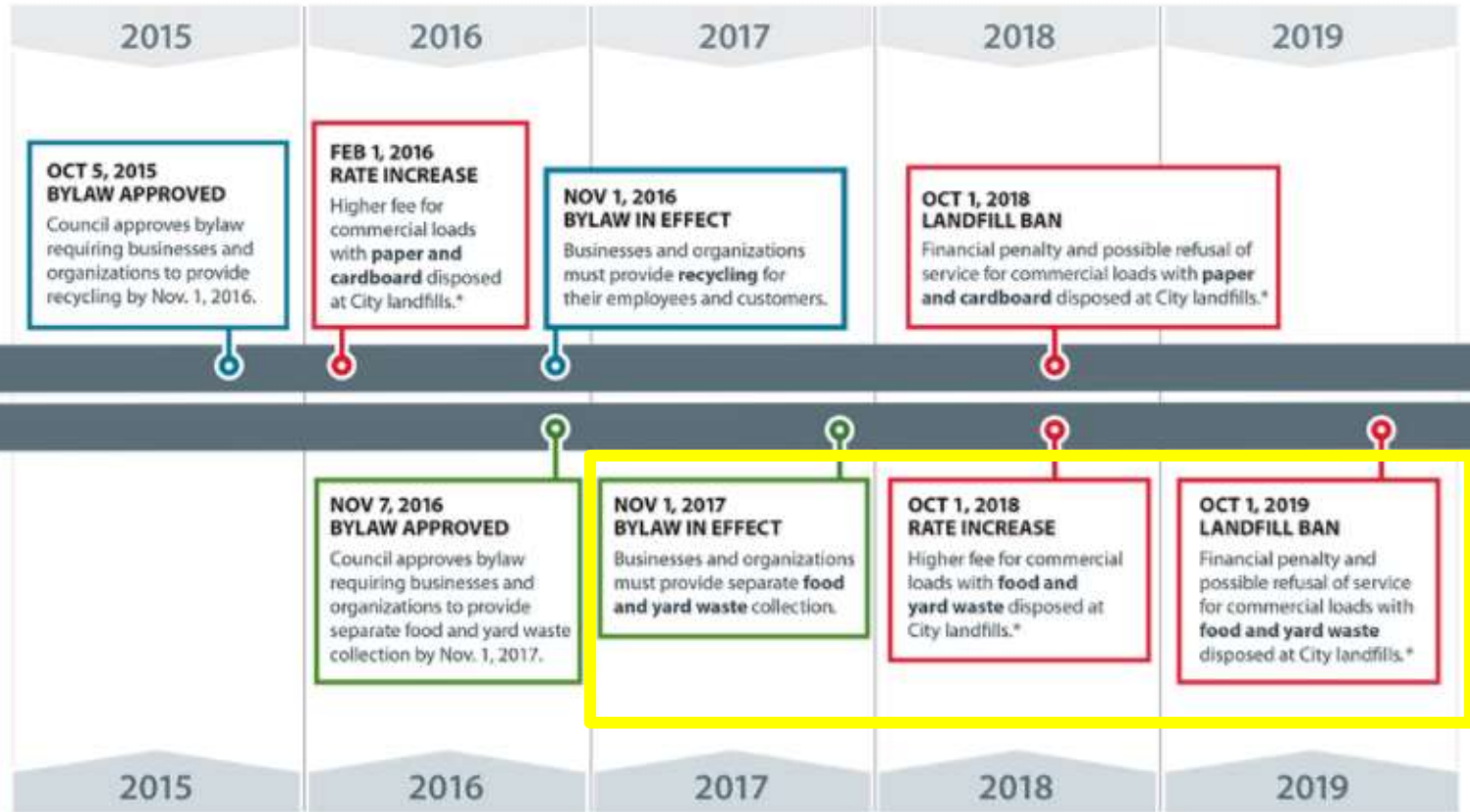
Visit [calgary.ca/businessrecycling](http://calgary.ca/businessrecycling) for more information, tools and resources.

## RECYCLABLES

- Paper and cardboard
- Plastic containers with recycling symbols 1-7
- Food cans and foil
- Glass jars and bottles
- Scrap metal
- Untreated wood
- Clear plastic film

## FOOD AND YARD WASTE

- Plate scrapings, dressings and sauces
- Fruits and vegetables
- Meat, bones, eggshells and dairy
- Bread, noodles and rice
- Paper plates and napkins
- Fats, cooking oils and grease
- Leaves, plants and branches



\*All rates and fees subject to Council approval.

## Current status: organic waste management



- Green Cart program implemented 2017
- Bylaw took effect Nov. 1, 2017 requiring multi-family and ICI properties to divert food and yard waste
- Primarily handled by the private sector

## Current consultation

- Stakeholders → ICI Working Group
- Made up of businesses/organizations, haulers, processors
- Small businesses underrepresented
- Self-selected but open to anyone





## Who's affected by the ban?



- All commercial loads are included – so ICI and MF sectors
- All food waste and all yard waste are included
- Single family waste is handled by our own collection trucks and won't be inspected at this time



## Enforcement

- Based on random inspection of commercial vehicles
- No specific threshold – any amount can trigger the higher rate
- Inspectors at each of our 3 landfill sites



## Monitoring Success

- Waste composition studies



## Public Education

- Have been focusing on bylaw compliance
- Complex – what's the pathway that the waste takes from the place of generation to landfill?
- City collection services
- Going forward



## Lessons learned

- Think about the whole system
- Consider the flow of materials from generation to ban location
- Engagement
- Communication/education

**Thank you!**

Lauren Minuk

Public Program Coordinator

The City of Calgary, Waste & Recycling Services

403-268-8088; [lauren.minuk@calgary.ca](mailto:lauren.minuk@calgary.ca)