



THE CITY OF
CALGARY
WASTE & RECYCLING SERVICES

Industrial, Commercial and Institutional (ICI) Organics Waste Diversion Strategy

RCA Workshop
June 15th, 2015



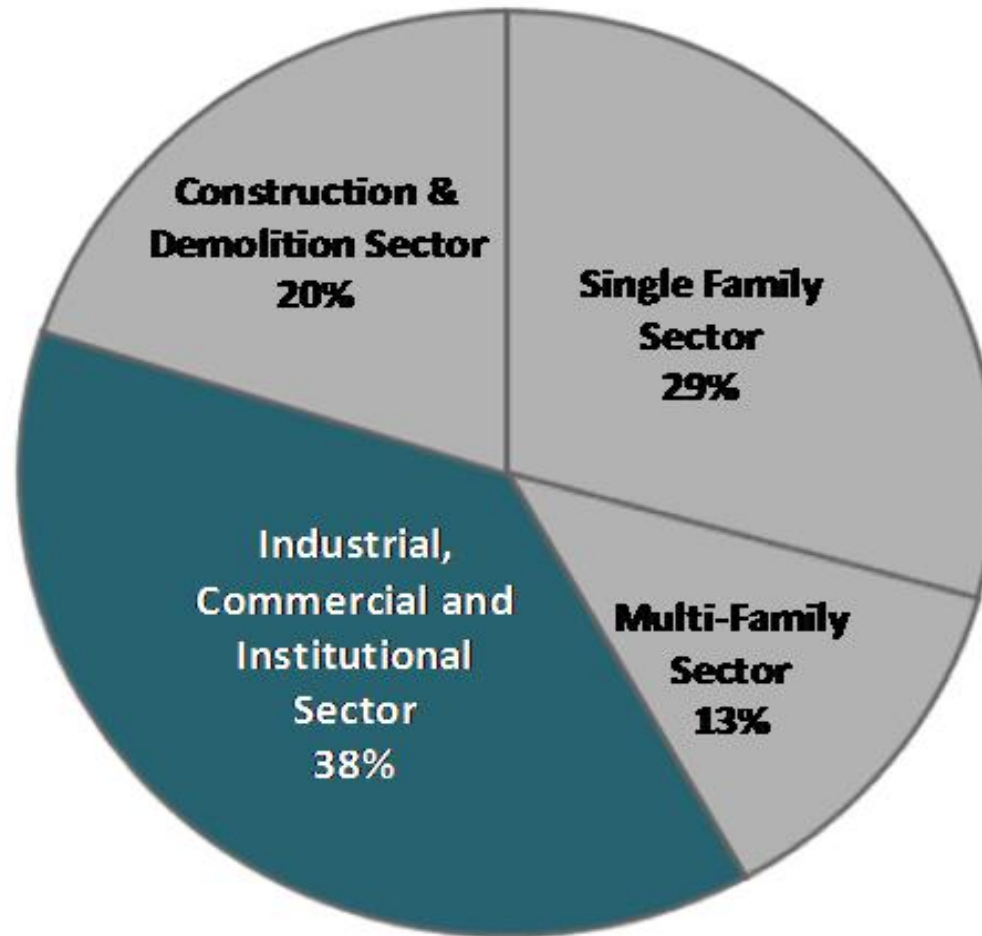
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Waste Disposed at City of Calgary Landfills (by weight)



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Calgary's ICI Sector

- 160,000 organizations in Calgary's ICI sector, employing 780,000 employees
- Hospitals, schools, offices, malls, restaurants, hotels, manufacturers, warehouses and other businesses



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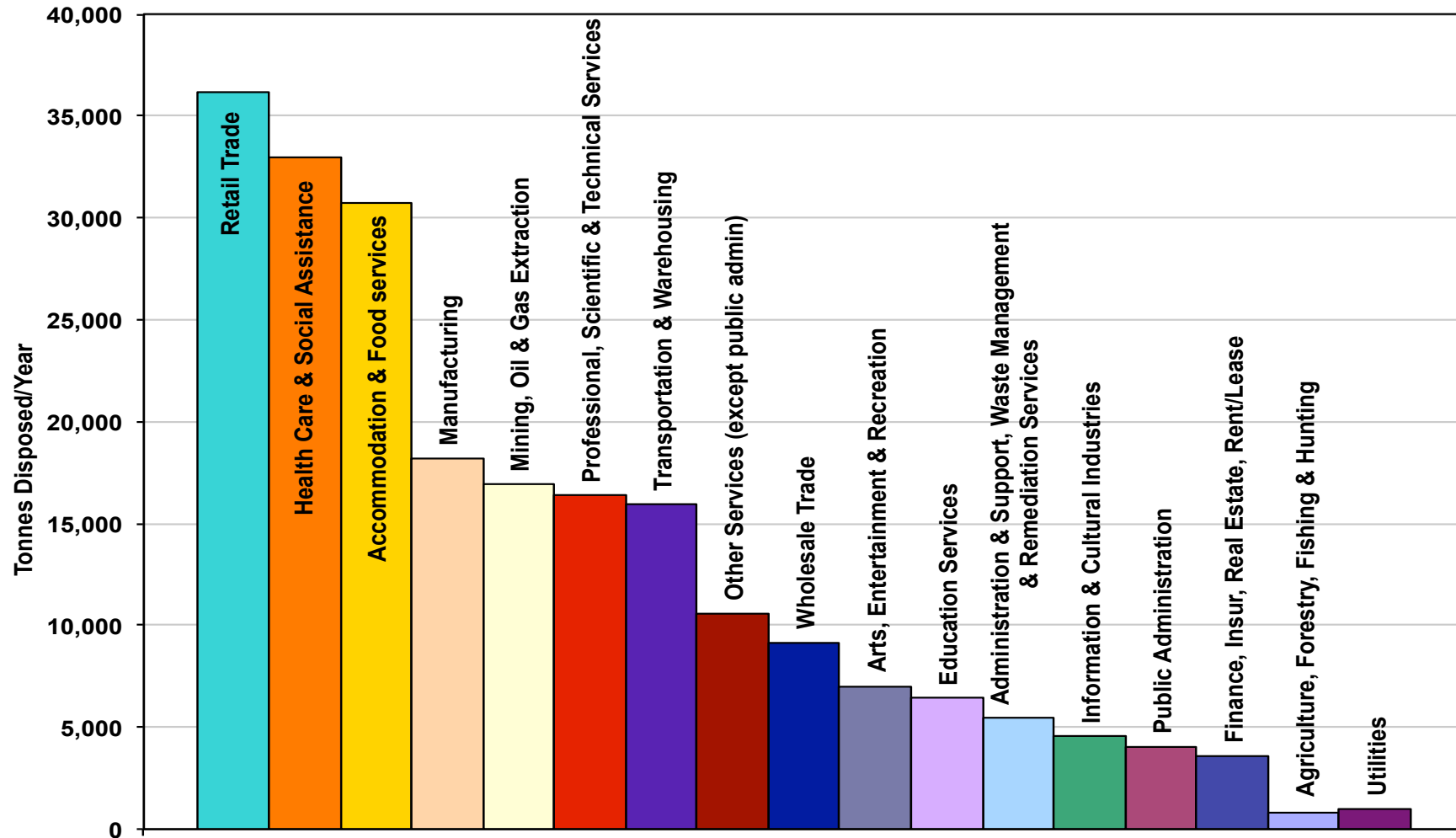


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Waste Disposed by Sub-Sector



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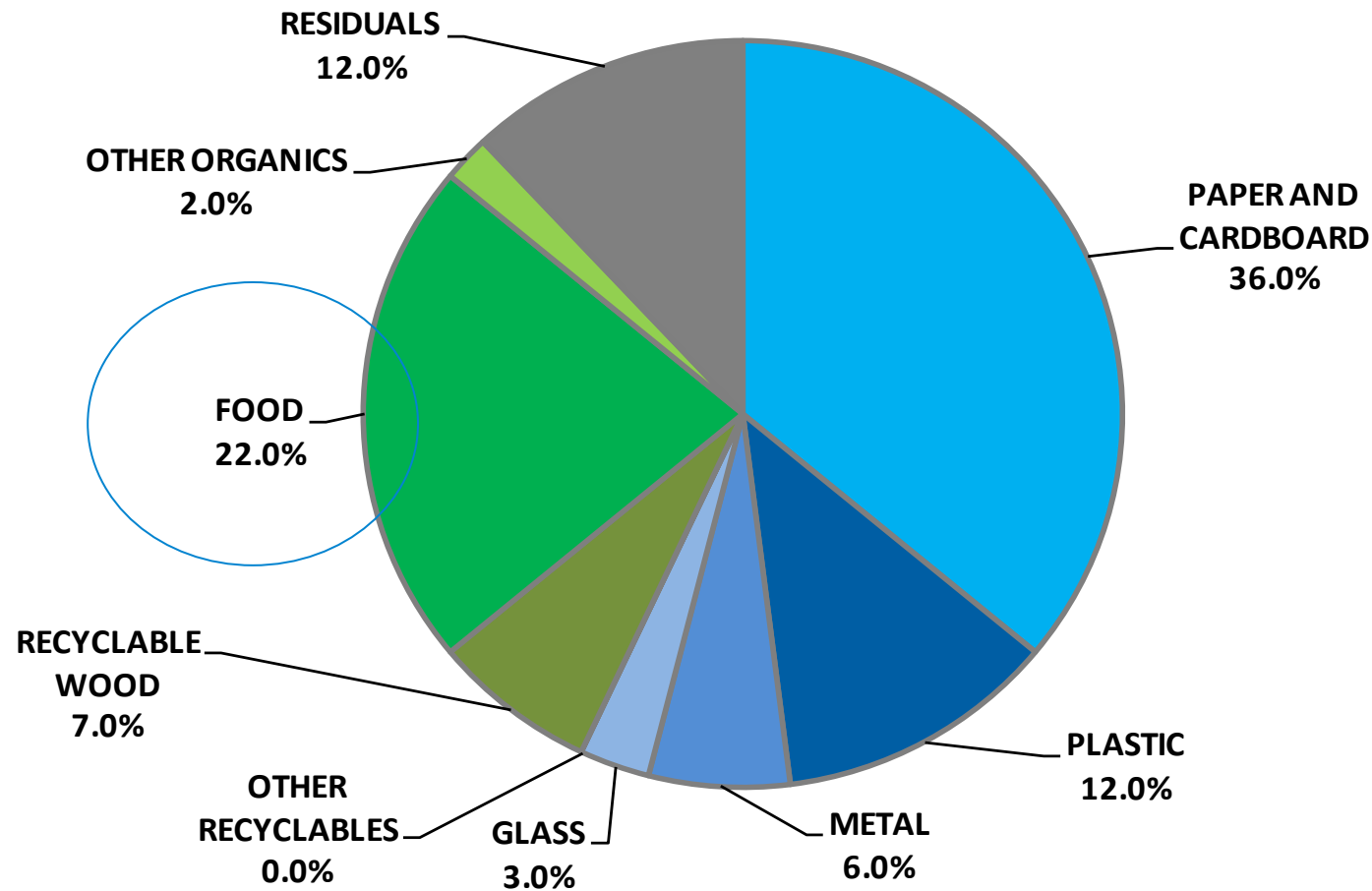


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Modeled ICI Waste Composition Results



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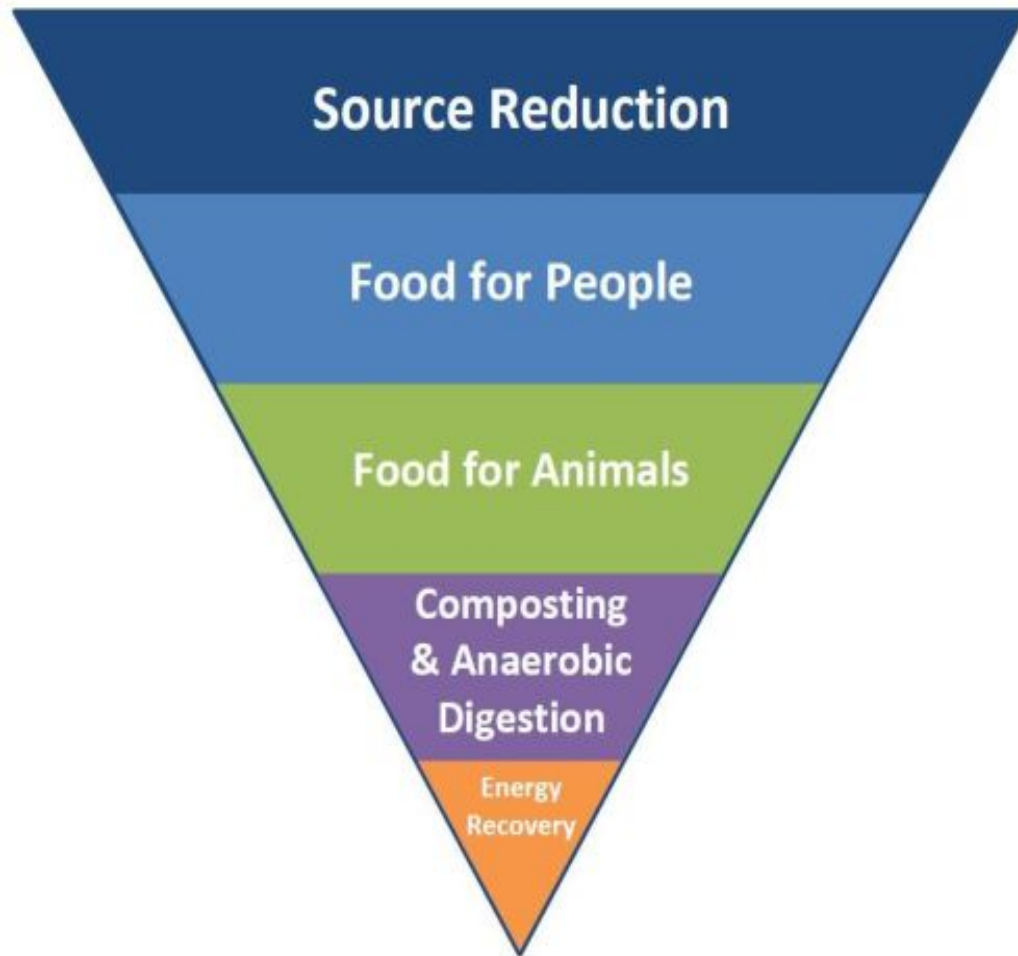
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Mandate

- Develop ICI Organics specific strategy to consider:
 - *Industry organics processing capacity and potential as well as composting facility opportunities*
- Mandate on-site organics source separation
Q4 2016 effective Q4 2019
- Organics to DML Q1 2017
- Ban organics Q4 2019



Steps in Dealing with Food Waste



Reduce the amount of food residuals being generated at the source

Direct extra food of high quality to feed hungry people by donating to food banks

Use lower quality food residuals for agricultural uses, such as food for animals

Direct food residuals for compost, anaerobic digestion, and land application

Process for energy recovery

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State of Food Redirection State



SUSTAINABLE PRODUCE
URBAN DELIVERY
SPUD.CA



CALGARY EATS!



Alternate Root YYC

EAT FIVE A DAY
WEIRD FRUITS & VEGETABLES



INGLORIOUS
fruits & vegetables

by **Intermarché**



Calgary's Current Composting State

- Generators have contracts to have organics processed
- Over 10,000 tonnes of organics collected in Calgary area from:
 - Malls
 - Grocery Stores
 - Restaurants
 - Food Manufacturers



Other City and State Examples

- Vancouver
- Regional District of Nanaimo
- Halifax
- San Francisco
- Portland
- Austin, Texas
- Seattle, Washington
- Massachusetts – 2014
- Vermont – 2014
- Connecticut – 2011
- Rhode Island – 2016
- California – 2014



TIMELINE

Industrial, Commercial and Institutional (ICI) Organic Waste Diversion Actions



ISC: Protected

*DML = Designated Materials List



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Thank You!
www.calgary.ca/ICI

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