



THE CITY OF
CALGARY

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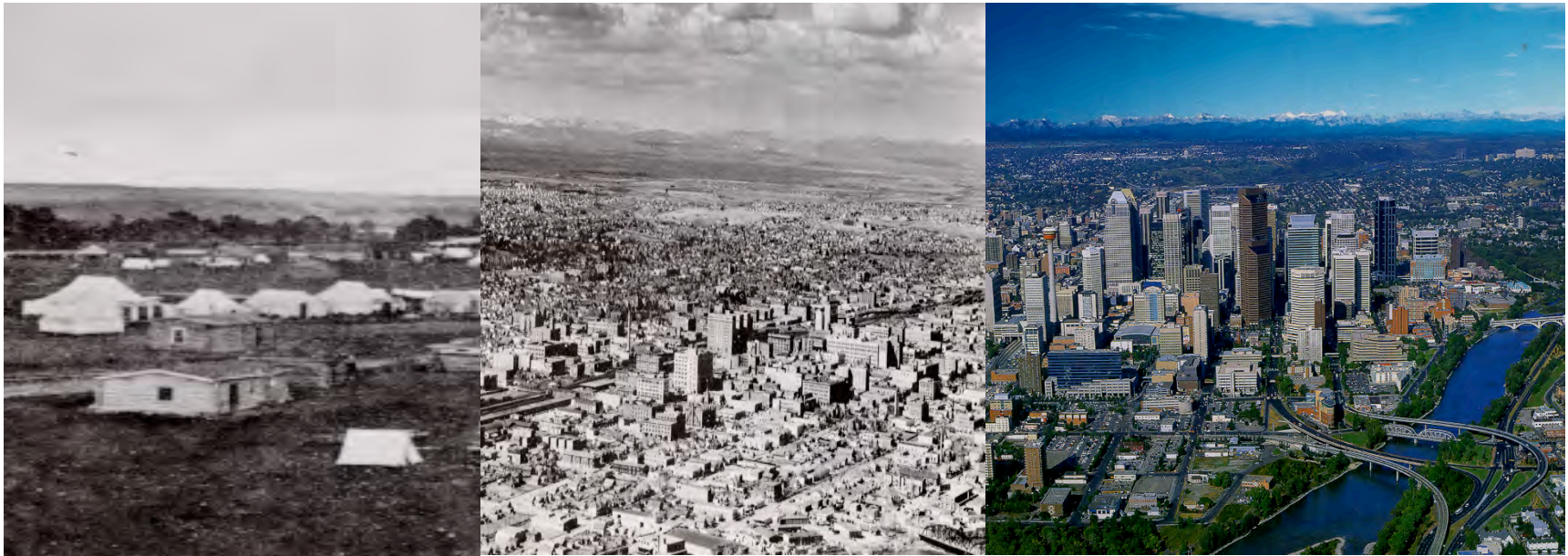
Industrial, Commercial and Institutional Waste Diversion Strategy



RCA 2014

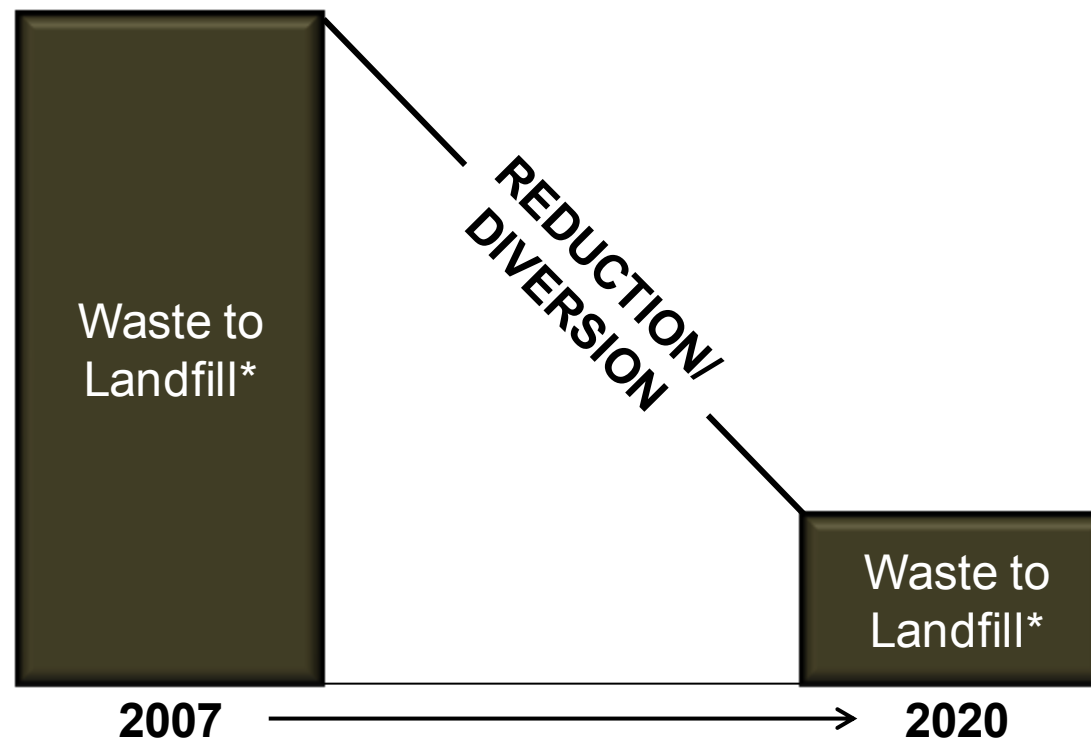
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We are changing...



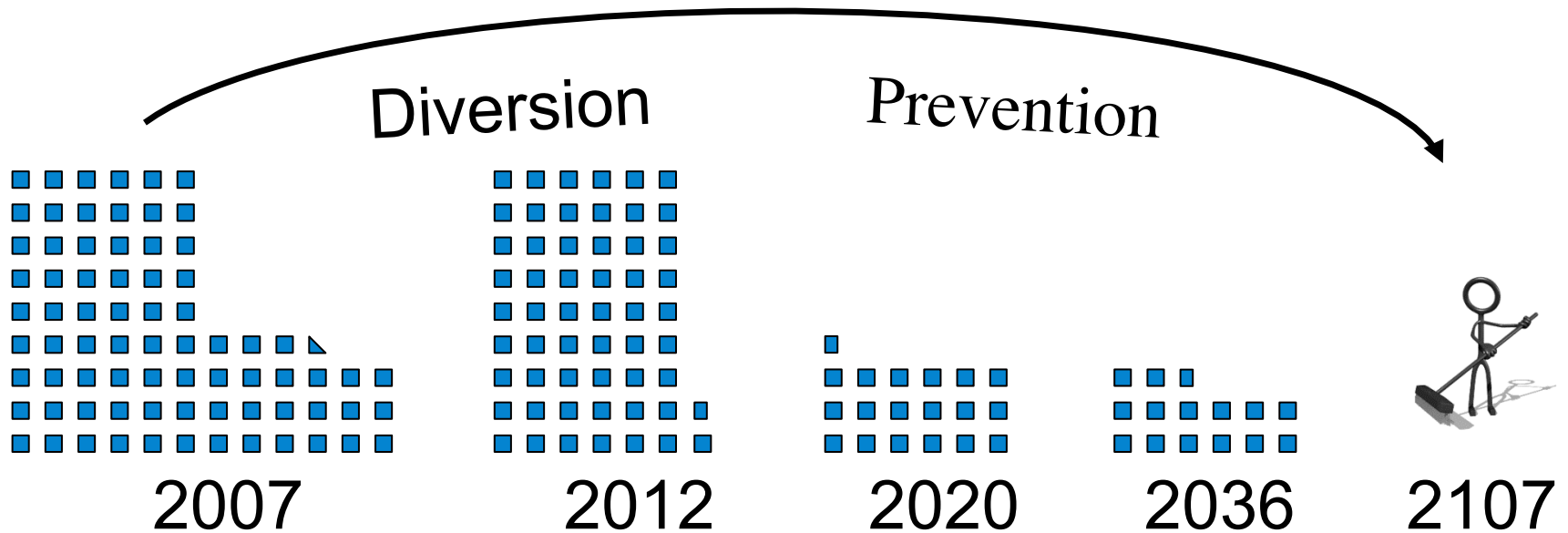
80/20 by 2020

What the 80/20 Goal Means



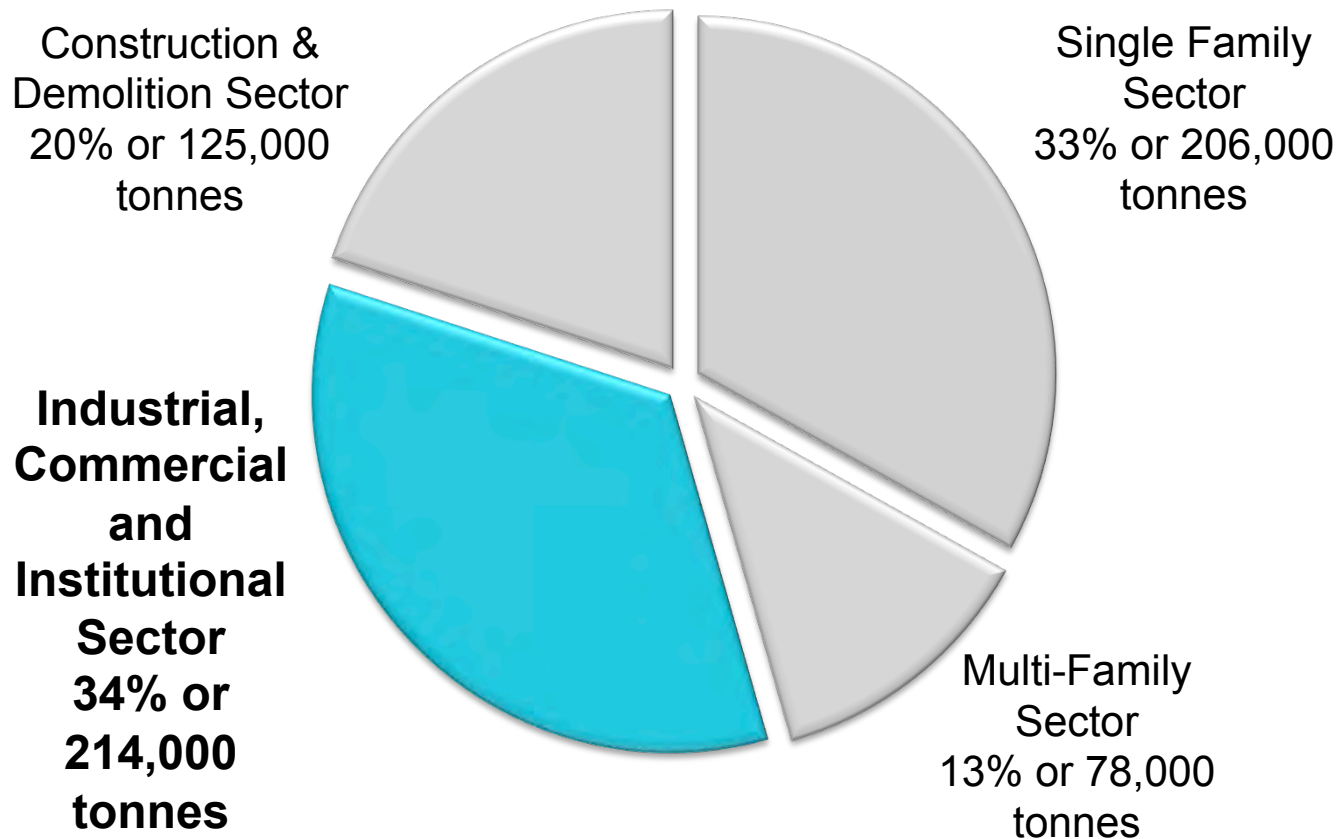
*Waste to landfill refers to waste coming from all sectors to City-owned landfills

Whereto?



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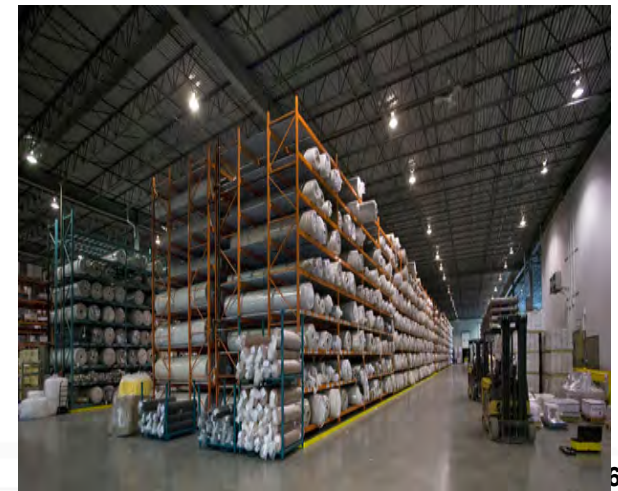
Waste disposed at City landfills by weight in 2012



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The ICI Sector

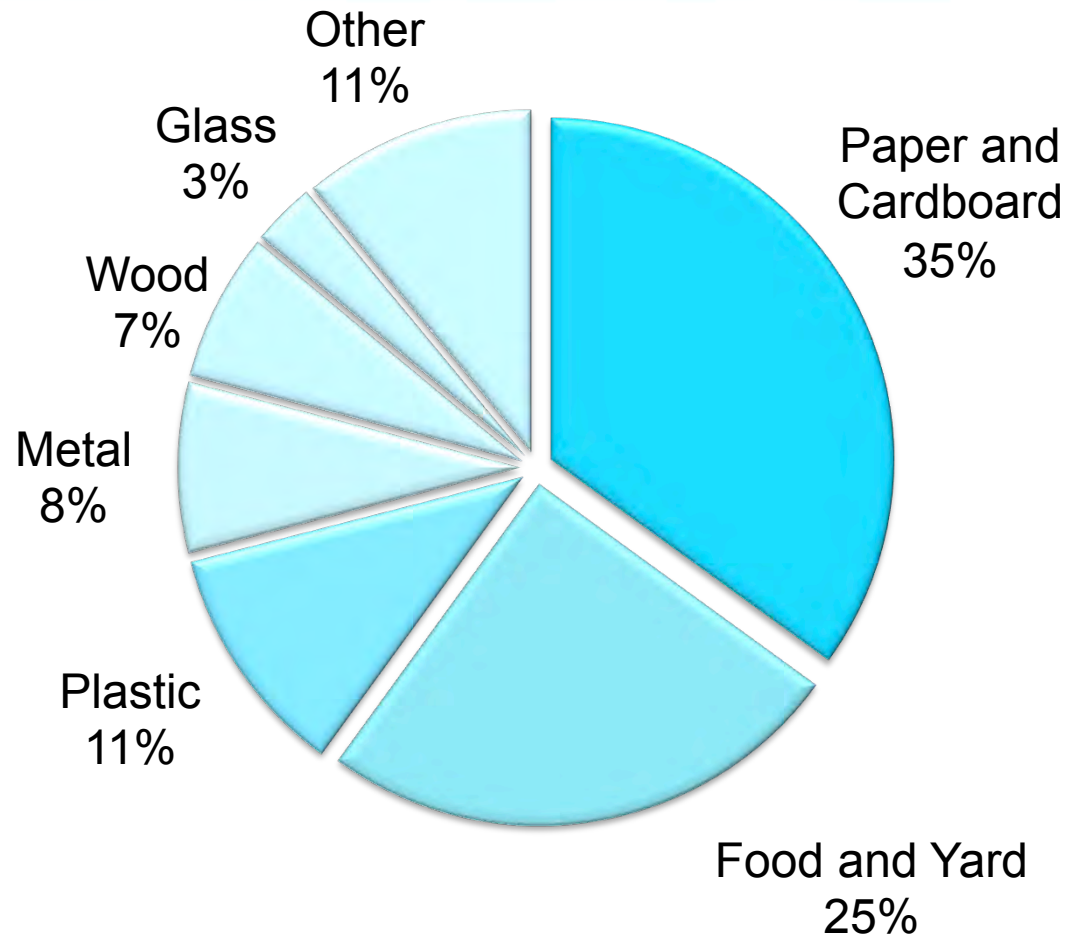
- Hospitals, schools, large office towers & malls
- 780,000 employees; 17 business sectors
- Differences in building types, access, space & use
- Minimal guidance to manage flow of materials or diversion activities



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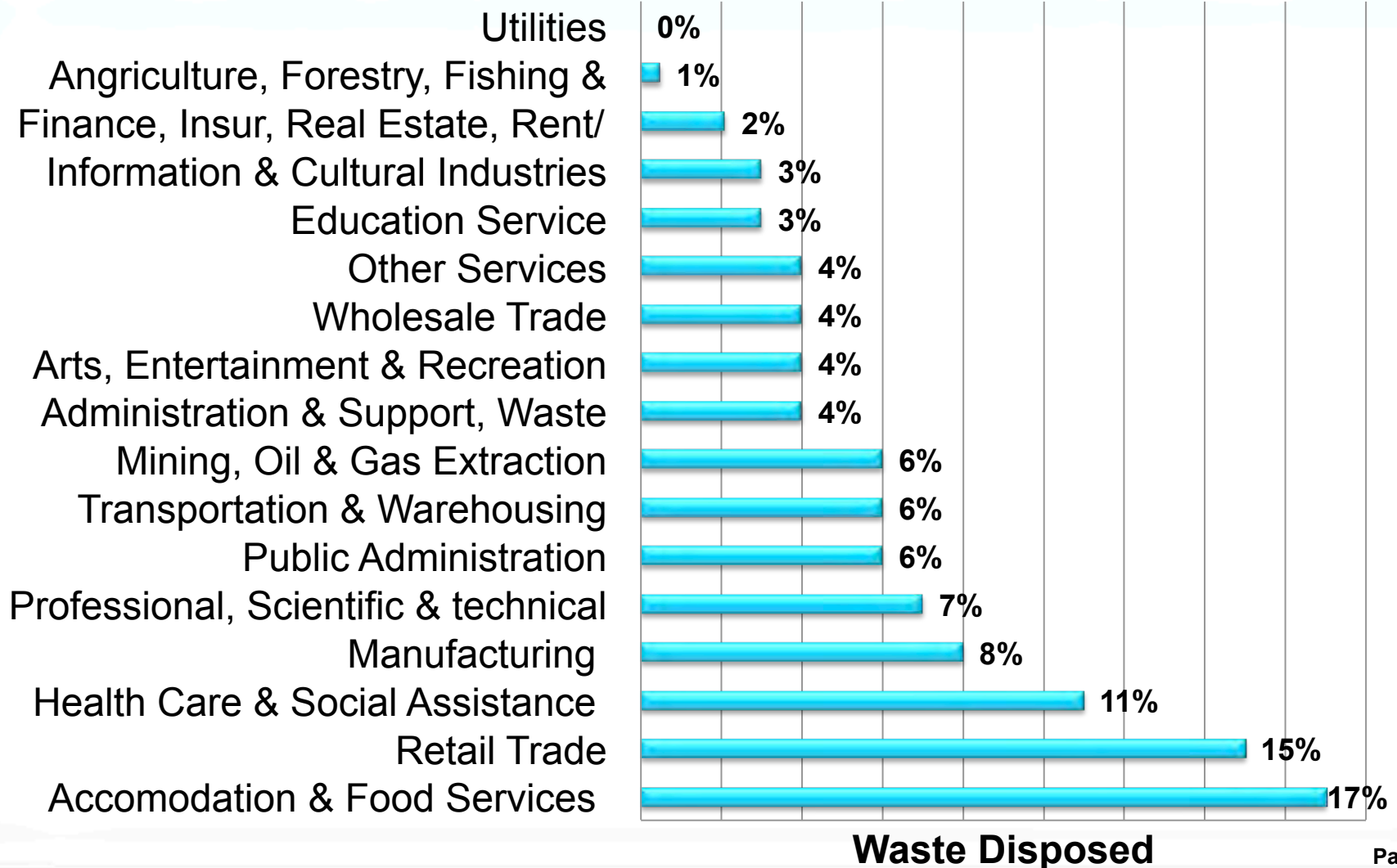
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% of materials in the ICI waste stream



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Waste Disposed by Industry



Stakeholder Engagement

- Broad spectrum of stakeholders
- Best practices from other cities
- Support for three approaches:
 - Regulatory
 - Voluntary
 - Economic

What we heard from ICI stakeholders

- Sector diversion already underway
- A need for ICI waste reduction and diversion.
- High support included: Mandatory source separation, differential tipping fees and waste diversion working groups
- Implementation of options immediately.
- Continued involvement in implementation.
- Support for the proposed tools and timeline as a reasonable approach.

Industrial, Commercial and Institutional (ICI) Strategy

- **STRATEGY:** Divert ICI waste from landfills
- **TARGET:** 80% diversion by 2020
- **ACTIONS:**
 - Implement a comprehensive set of diversion tools for all materials in the ICI sector.
 - Target most common materials and largest generators in the waste stream to maximize diversion.

Strategic Elements

- **Paper and cardboard**
 - Add to designated materials list – Jan. 2015
 - Mandate on-site recycling - Q4 2016; and
 - Banning of the material – Q4 2018

Strategic Elements continued...

■ Organics

- Develop an Organics Specific ICI Diversion Strategy and announce ICI organics source separation – Q4 2015
 - Investigate industry organics processing capacity
 - Investigate AD opportunity and tipping fee differential
- Add to designated materials list – Q1 2017
- Mandate on-site separation – Q4 2019; and
- Banning of the material Q4 2019.

The road ahead...the next frontier

