

# Waste & Recycling Services Outlook for 2018 to 2025

Standing Policy Committee on Utilities and Corporate Services UCS2018-0153 2018 April 18



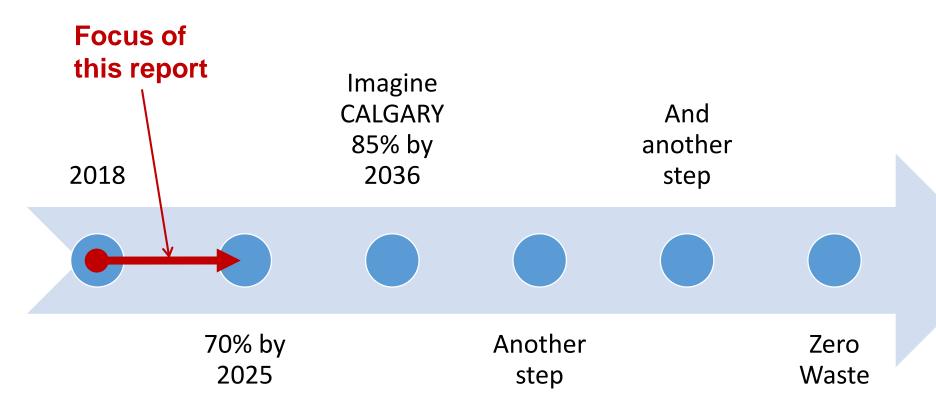


## Objective of this report

Present the Waste & Recycling Services outlook for 2018 to 2025, including key trends, opportunities, and initiatives.

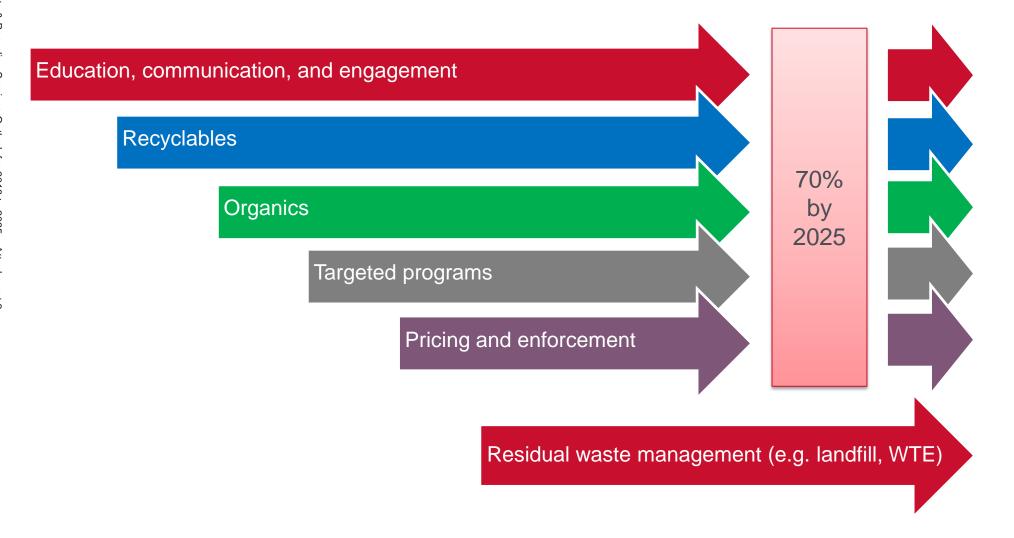
UCS2018-0153

## Leading the community towards zero waste





## The plan for achieving 70% by 2025





Trend #1: Increasing customer expectations

Trend #2: Changing market standards for recycled materials

Trend #3: Increasing contamination of recyclables

Trend #4: Decreasing tonnage of waste for disposal

Trend #5: Advancing technology

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#### Trends and opportunities

Trend #1: Increasing customer expectations

Provide options for residential customers

Black cart variable pricing / size options

Investigate blue cart and green cart options

Engage customers and explore new programs

**Engage customers** on services and service levels

**Engage waste** generators on strategy for targeted items

**Explore programs** for targeted items

Improve transparency of service costs

Black cart and green cart charges

Continue to improve efficiency and reduce costs

Green cart winter schedule

**Collection services** review

**Route efficiency** 



Trend #2: Changing market standards for recycled materials

Advocate for Provincial Extended Producer Responsibility

Alberta Urban Municipalities Association

Recycling Council of Alberta

Improve ability to market recycled materials

**Explore alternative** markets

Improve quality of recycled materials



Trend #3: Increasing contamination of recyclables

Enhance education and enforcement

Targeted communication and education campaigns

Communication and education plans for diversion programs

**Explore enforcement of programs** 



Trend #4: Decreasing tonnage of waste for disposal

Optimize services across facilities

Review services and service levels at each site

Examine enhancing residential waste drop-off services

Consider new activities at sites

Explore landfill gas to energy options

Consider energy production options

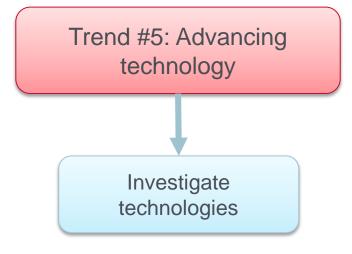
**Examine** technology pilots

Explore regional waste management opportunities

Calgary
Metropolitan
Region Growth
Plan and Servicing
Plan

Pursue regional initiatives





Continue to test technology for in-truck data collection and cart inventory tracking

Continue to monitor wasteto-energy technology

**Explore alternative fuels for fleet** 

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## **WRS Operations**

- Landfill gas capture
- Solar energy production
- Fleet management

## Community-wide

- Organics diversion
- Waste reduction



#### Recommendation

That the SPC on Utilities & Corporate Services receive this report for information.