

# Solid Waste Management Update

Regional Board

November 28, 2024

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1450 K.L.O. Road  
Kelowna, BC, V1W 3Z4  
rdco.com



# Purpose

- To provide the Board with the Solid Waste Management 5-year effectiveness review and provide update on other solid waste management initiatives for 2024

# Agenda

- Solid Waste Management Plan 5 Year Effectiveness Review
- 2024 Waste Composition Study Preliminary Results
- Curbside Glass and Flexible Plastic Collection Update
- WildsafeBC Program Update

# Solid Waste Management Plan 5-year Effectiveness Review

- Regional Districts are required to prepare 10-year solid waste management plans (SWMP) and submit for final approval to the Ministry of Environment (MoE)
- The RDCO's approved 2020 SWMP is required to be reviewed after 5 years and submitted to the MoE by December 31, 2024

# SWMP Goals

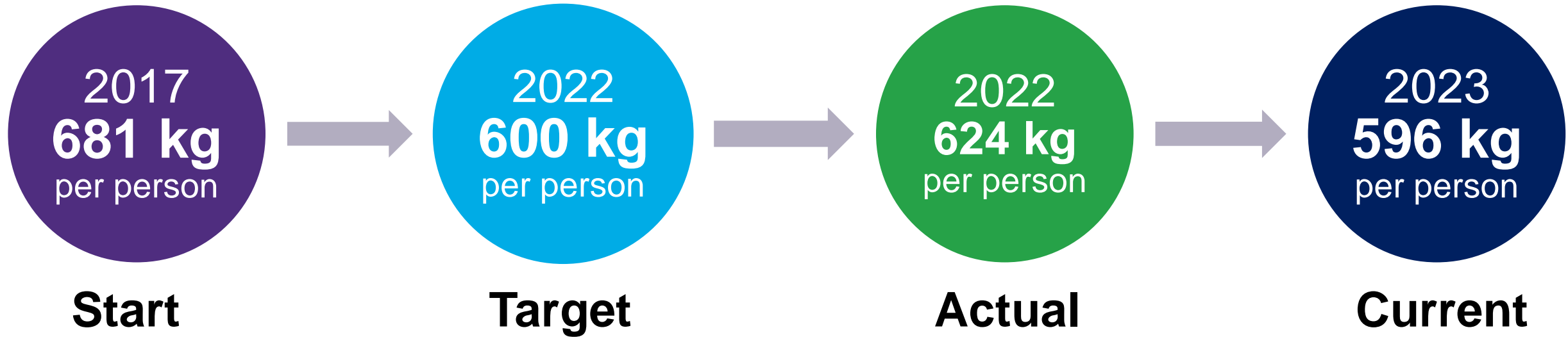


- 1 The goal is zero waste
- 2 Citizens are actively engaged
- 3 Make it easy

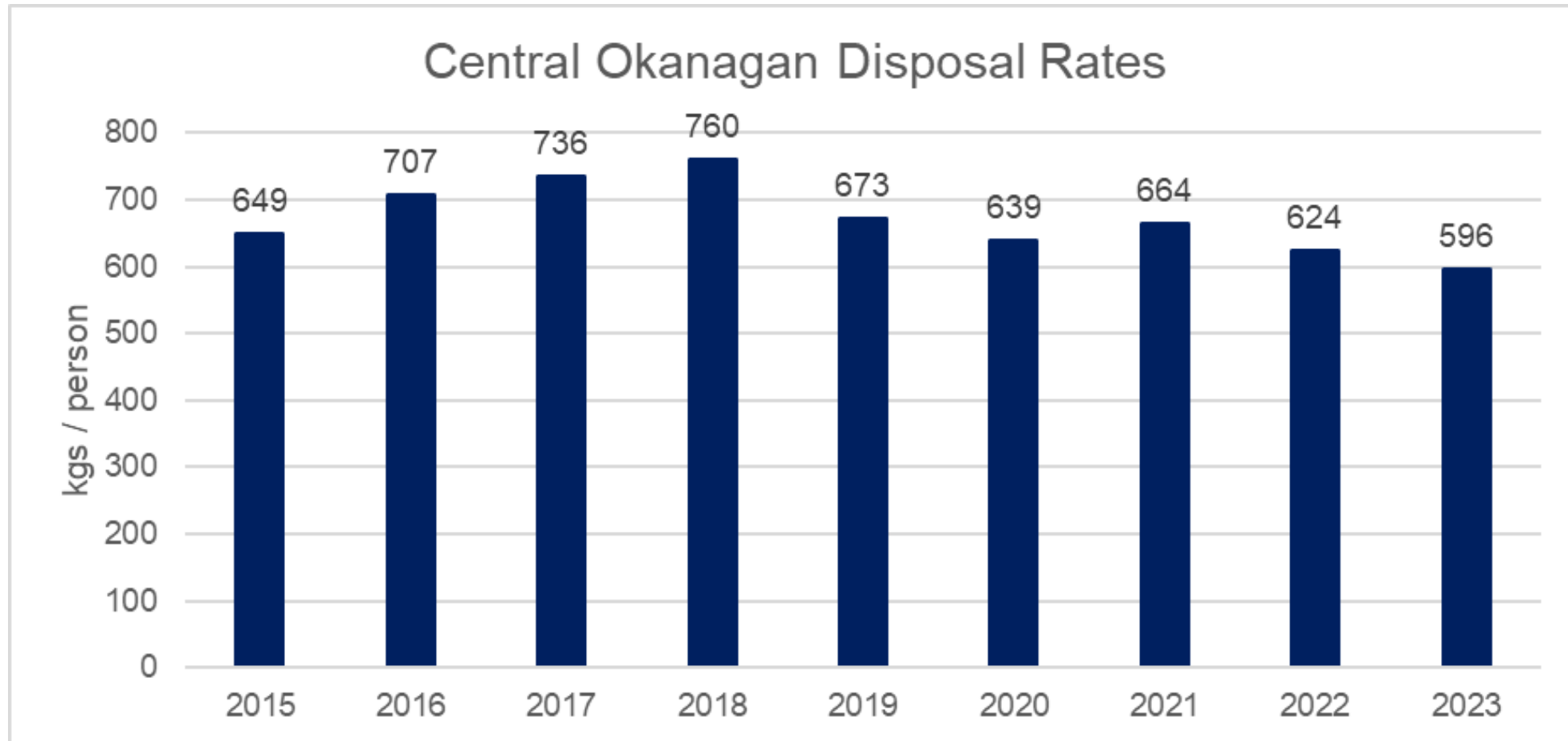
# SWMP Areas of Focus

- Reduction and reuse
- Recycling
- Recovery and residual waste management
- Illegal dumping
- Wildlife and waste management
- Policy and land use planning related to waste management

# Plan Target – Disposal Rate Per Capita



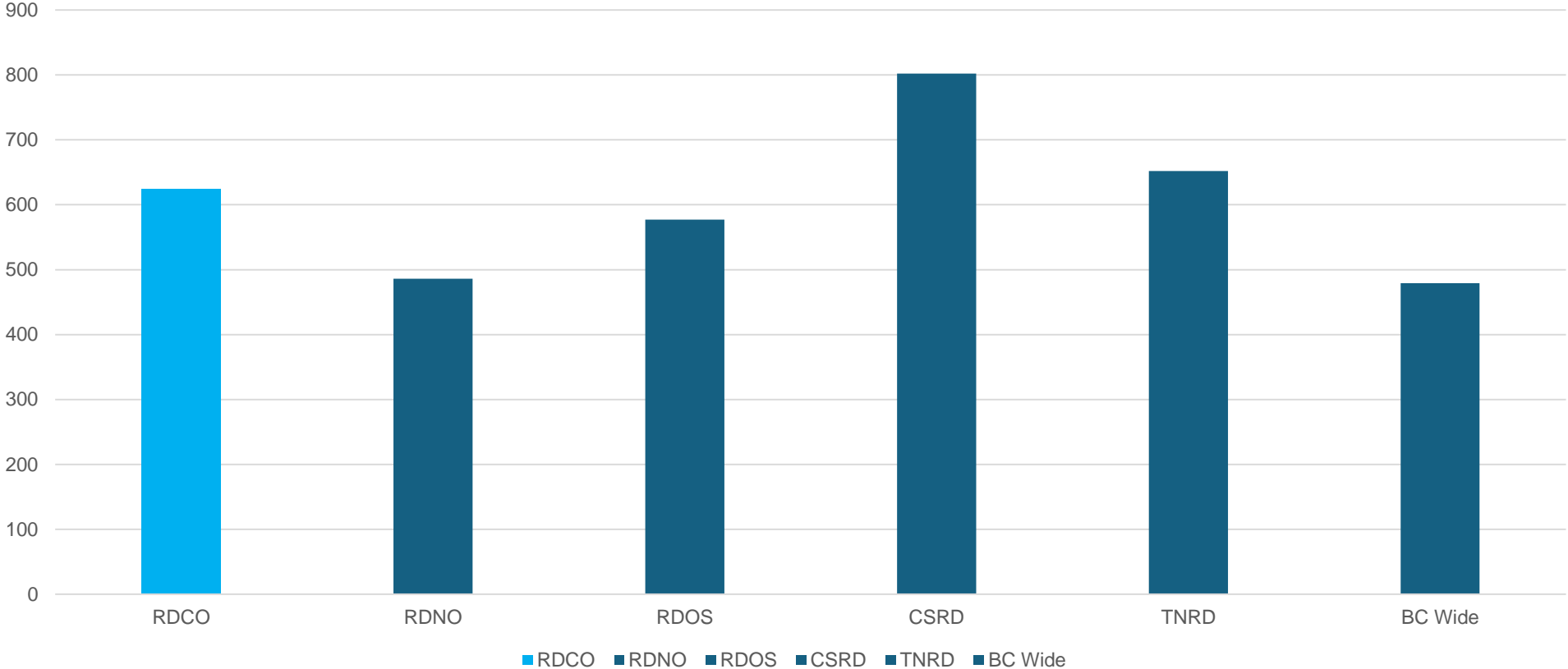
# Disposal Rates (2015 – 2023)



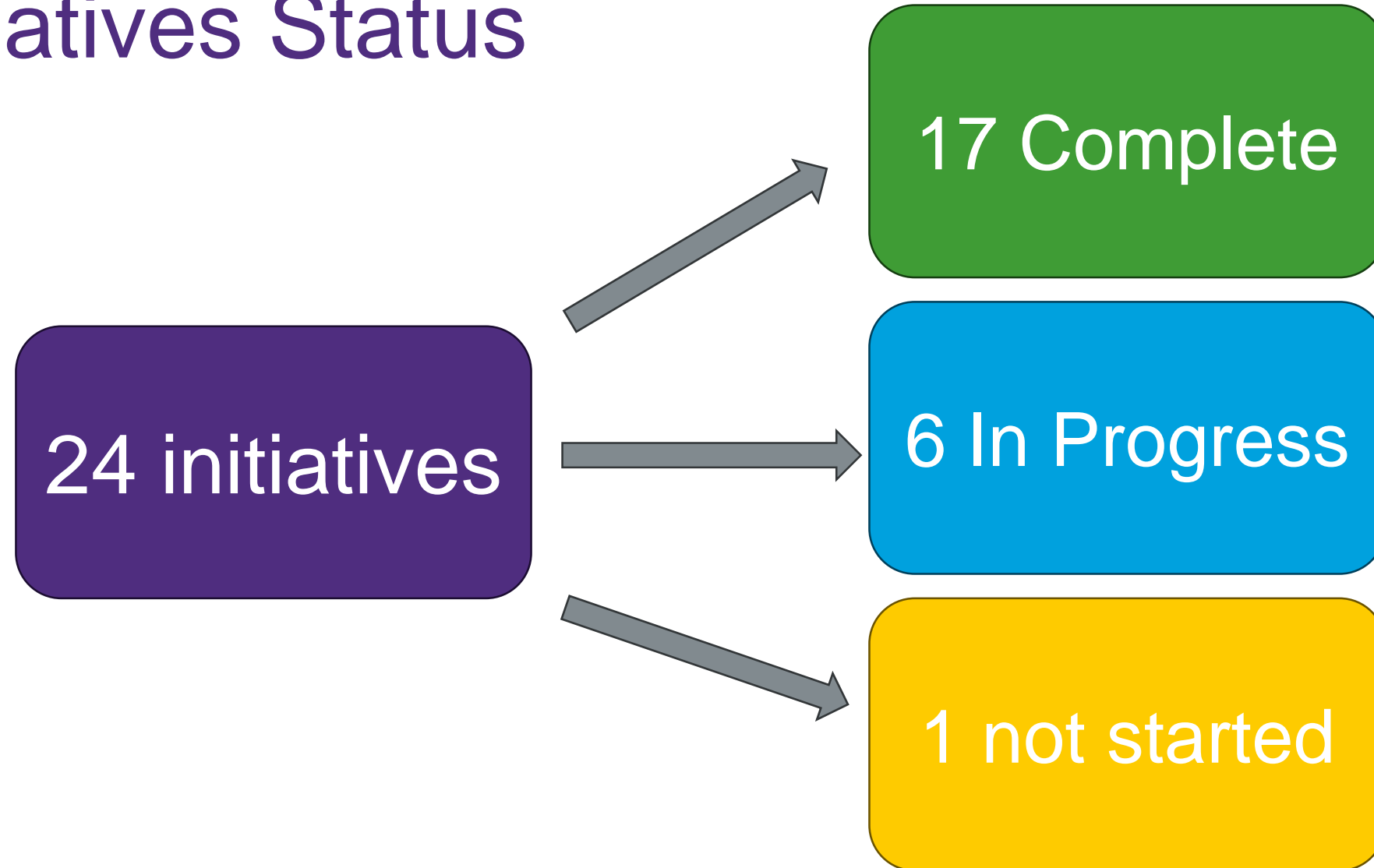


# Disposal Compared to other RD's

2022 Disposal Rate (kg/capita)



# Initiatives Status

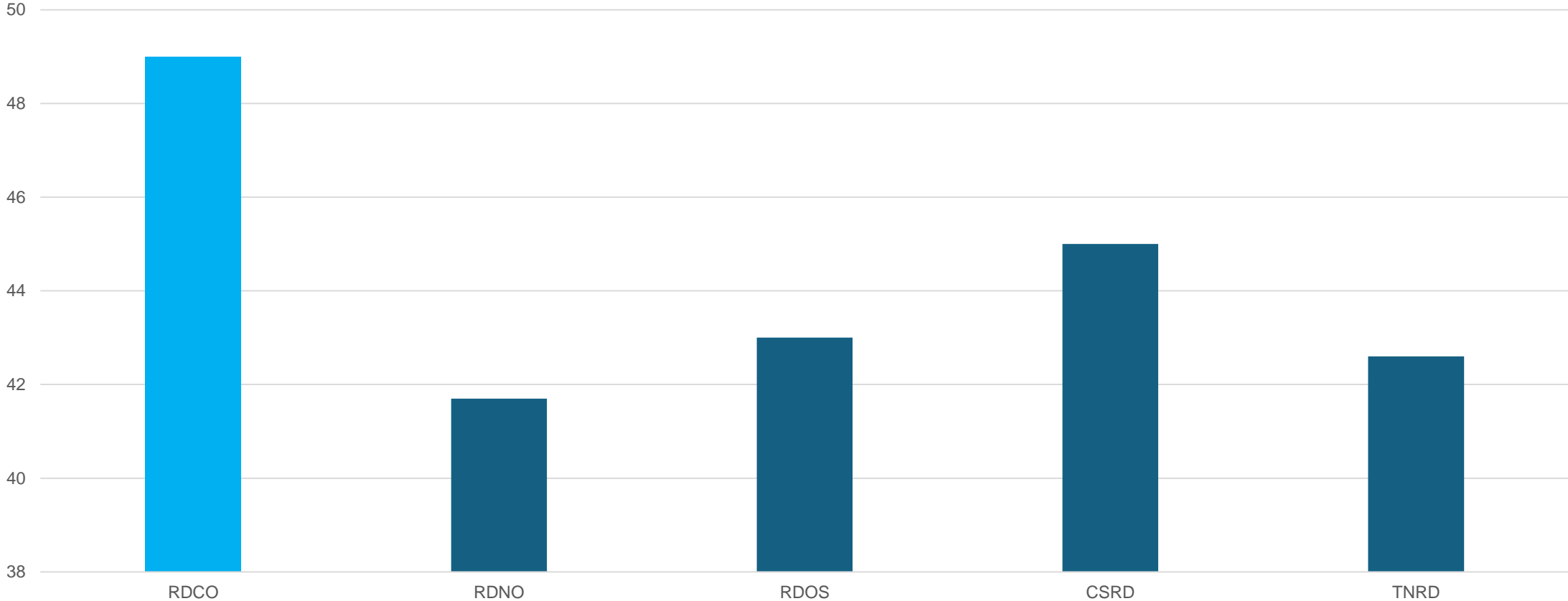


# Key Accomplishments

- Curbside recycling turned over to Recycle BC (effective May 2026)
- Feasibility study for food waste collection (2022)
- Phase 1 & 2 public engagement on food waste collection (2023-2024)
- Public awareness and recycling contamination reduction programs
  - Full time Waste Ambassadors
  - AI pilot
  - Pop-up depots for areas under served
  - Book recycling program
- Multifamily recycling study and tool kit
- Construction, Renovation & Demolition Market Capacity Assessment
- Biomass Inventory Study

# Recycle rate per capita

kg recyclables per capita (serviced)

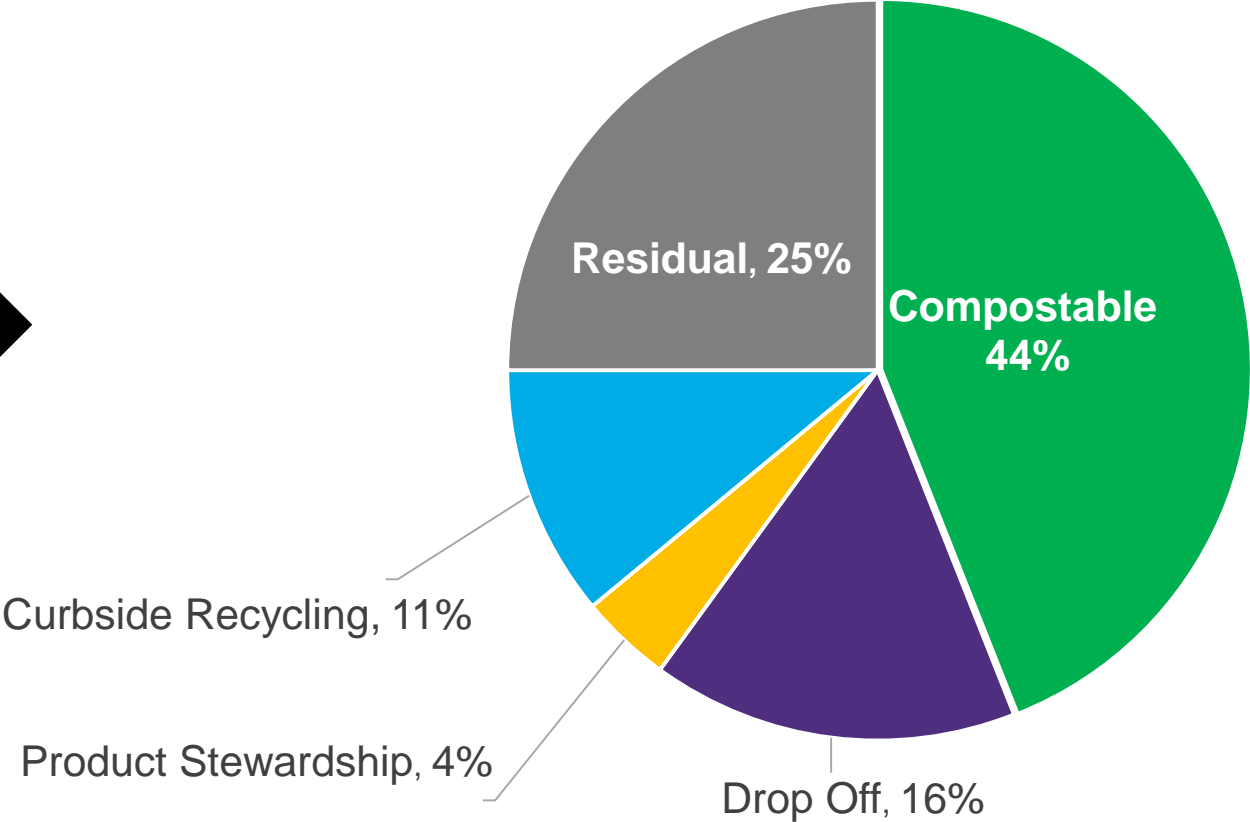


# Initiative Not Started

- Investigate requiring all contractors for construction and demolition (C&D) projects to develop waste management plans to meet specified recycling target.

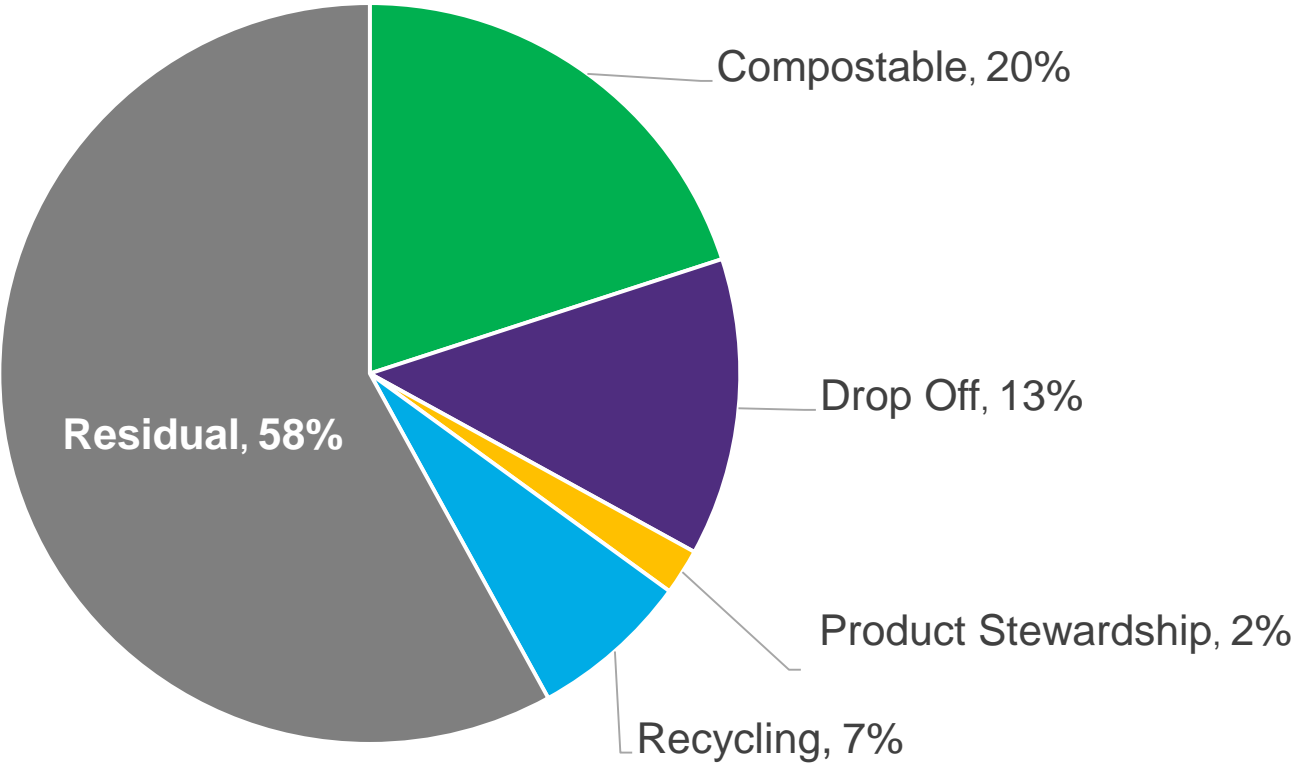
# What's in our Waste – 2024 Waste Composition Study

Residential  
Curbside  
Waste



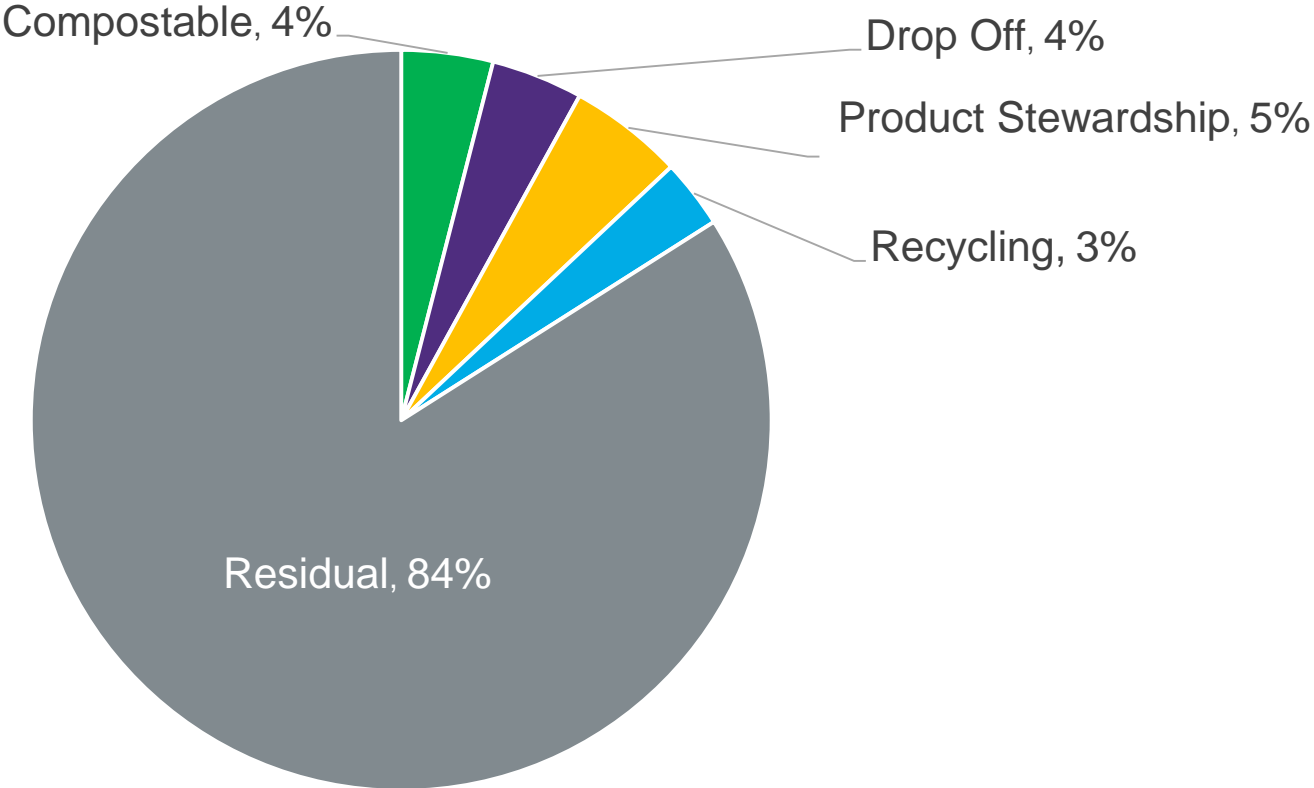
# What's in our Waste – 2024 Waste Composition Study

Industrial  
Commercial  
Institutional



# What's in our Waste – 2024 Waste Composition Study

Residential  
Drop Off





# Curbside Glass & Flexible Plastics

- Currently depot only items
- Recycle BC is expecting to add curbside glass and flexible plastics starting in May 2026



# WildsafeBC Programming

- 2018 – 2019 – Westside only program
    - West Kelowna, Peachland, Electoral Area West (curbside)
  - 2020 – current – region wide program expansion
    - Late spring – end of November
    - Solid waste focused
    - Bin tagging, school education, event participation
    - Signage in neighbourhoods
    - Bylaw enforcement support
  - Identified need for year-round coordinator
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# Recommendation

*All Directors - Unweighted Corporate Vote - Simple Majority (LGA s.208)*

**THAT** the Regional Board receive the 2024 Solid Waste Management Update Report from the Associate Director of Development and Engineering Services dated November 28, 2024, for information.



End of Presentation