



# OPTIMIZING EXISTING CURBSIDE COLLECTION PROGRAM IN NORFOLK COUNTY

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# STRATZER



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# CONTENT



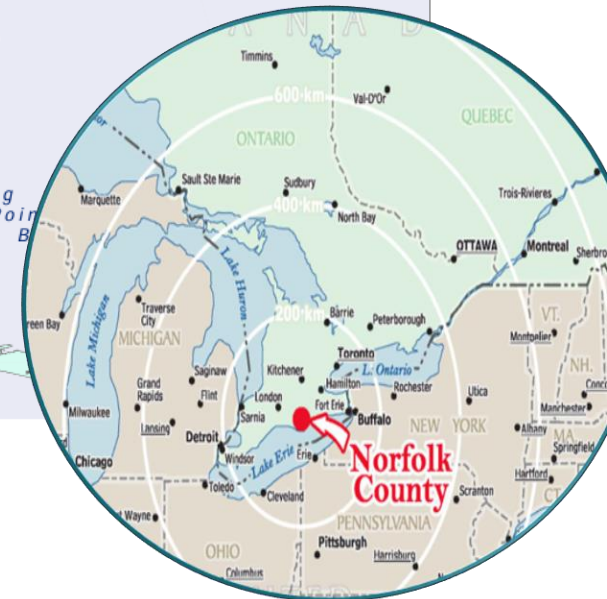
- Context of study
- About Norfolk County
- Current WCP and Challenges
- Designing the Future WCP
- Tonnage Projection Model
- Cost analysis
- Other considerations

# CONTEXT OF STUDY

- Collection contract expiry
- Thinking ahead
- Opportunity / 7-10 years
- Looking for cost effective solutions
  - Reduce waste
  - Divert waste from landfill
  - Needs and requests of Norfolk County residents
  - Regulatory requirements

# ABOUT NORFOLK COUNTY

- Mainly agricultural with 5 urban centers
- 1 600 km<sup>2</sup>
- Population 67 500
- 54% urban residents
- 31 445 single family homes
- 2023
  - 14 100 MT of garbage (~500 kg/hh)
  - 4 400 MT of recycling
  - 1 500 MT of leaf & yard



# CURRENT WCP AND CHALLENGES

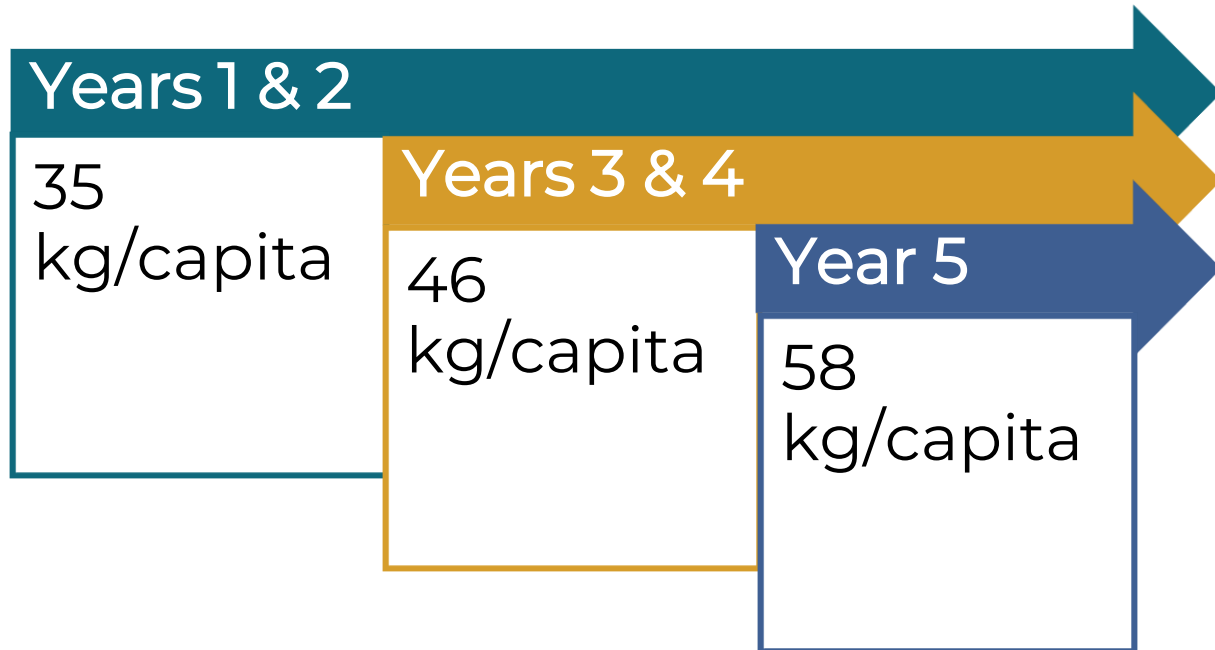
- Manual collection of bags (4 residential – 8 commercial)
- Recycling program transition to EPR program by September 28, 2024
- L&Y collection in urban areas at varying frequencies from April to November
- Expectations of relocating residents
- Costs related to transfer and haulage out of county
- 50-50 rural/urban split
- Inequality between rural and urban areas

# DESIGNING THE FUTURE WCP

- Implementation of a SSO program and integration with the leaf and yard waste collection
- Implementation of County wide collection carts
- Waste management system funding considerations
- Economic considerations



# TONNAGE PROJECTION MODEL



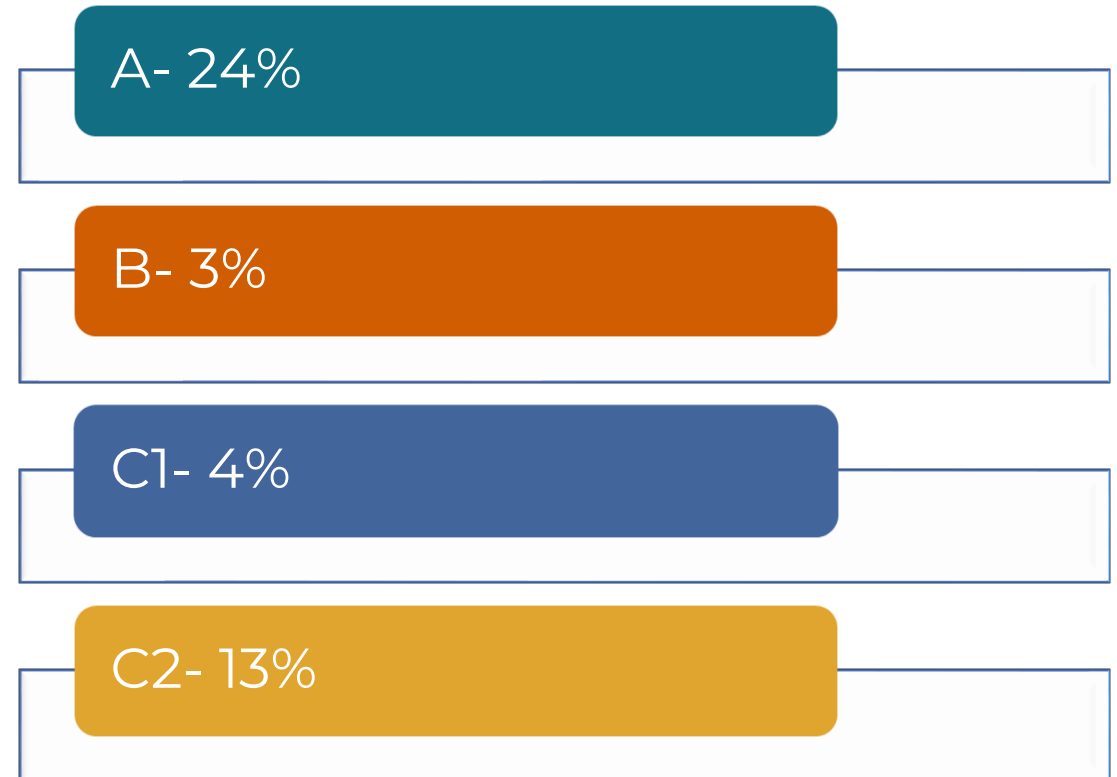
- Demographics
- Economics
- Collection rates
- Waste services

+ 22  
kg/capita  
L&YW

# COST ANALYSIS



- Statusquo with bag collection
- A- Weekly collection of garbage and SSO (urban) + L&YW
- B- Weekly garbage and SSO co-collection (all) + L&YW
- C1- Biweekly collection of garbage and SSO (urban) +L&YW
- C2- Biweekly collection of garbage and SSO +L&YW





# OTHER CONSIDERATIONS

- Financing strategy for the purchase of carts
- SWOT analysis
- New contract terms and requirements



# CONCLUSION



Good tools, great data: for a continual improvement

Territorial diagnosis

Priorities & objectives

Action plan

Monitoring



# ABOUT STRATZER

- Experts at your service for more than 25 years
- Four offices in Eastern Canada (including Toronto)
- 90 professionals specialized in circular economy and waste management
- 6 departments



Thank you for your  
attention!

Questions or  
comments?



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