

RECYCLE BC PROGRAM PLAN

Collectors and Local Governments Consultation Phase II

JULY 18, 2018



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AGENDA

- Recycle BC program principles and performance highlights
- Setting the context
- Plan updates
- Next Steps
- Q&A



PROGRAM PRINCIPLES AND PERFORMANCE HIGHLIGHTS

PROGRAM DELIVERY PRINCIPLES STRIVE FOR CONTINUOUS IMPROVEMENT

1. Focus on outcomes, not process
2. Provide economic incentives and set simple rules
3. Foster interaction, collaboration and competition to drive innovation
4. Set the stage for evolution through continuous improvement

RECYCLE BC PROGRAM UNIQUE IN CANADA

- Only residential packaging and paper product (PPP) program in Canada that is wholly-financed and operated by producers
- Operating since 2014, Recycle BC has transformed the collection and recycling PPP from a municipally-based activity into an *integrated* provincial recycling system
- In 2017, recovered 175,000 tonnes of our members' material from 3.5 million BC residents
- Achieved 75% recovery rate

REGULATION REQUIRES PLAN REFRESH

- Section 6 of the Recycling Regulation requires that every five years Recycle BC review its approved Plan and submit proposed amendments to the government of British Columbia for review and approval
- In November 2017, after three full years of operation Recycle BC began a thorough review of performance with stakeholders to inform design of a revised plan
- Revised Plan posted on July 12 launches Phase II of our consultation



SETTING THE CONTEXT

PLASTICS POLLUTION CRISIS IN THE HEADLINES

Canadians throwing out up to \$150b worth of plastic a year: McKenna



New scheme to fight plastics pollution gains Government grant funding

The UK Government has re-opened the Darwin Plus scheme and given a grant for a plastic reduction project on St Helena to help support UK Overseas Territories.

Canadians should recycle 85% of plastics by 2025, environmental groups say

Dozens of environmental groups say if Canada wants to be a leader in getting the rest of the world to kick its plastics habit, it has to start by setting the bar for recycling plastics far higher at home. [Continue reading →](#)

All-women's voyage researches health impacts of ocean plastic pollution

By MELANIE GREEN StarMetro Van-
Mon., June 25, 2018

The world is facing a massive pile-up of plastic trash

Plastic waste is piling up around the globe after China stopped accepting nearly half of world's shipments of recyclables. [Continue](#)

Canada reducing (but not banning) use of plastics at G7 in Quebec

By Staff The Canadian Press

PLASTICS USE AND POLLUTION ON THE RISE

- Use of plastic packaging will continue to grow, quadrupling by 2050 to 318 million tonnes annually
- Today plastic packaging recovery rates are low: 14% globally; 30% in Canada from all sources
- High rates of leakage into the environment, especially marine environments
- Today's plastic economy highly fragmented
- Globally, over reliance on export markets for mixed plastics
- Closure of Chinese commodity markets

GLOBAL SUPPORT FOR CIRCULARITY

- UN Environment and European Commission calling for bans and levies on single-use plastics
- Ellen MacArthur Foundation's New Plastics Economy initiative is working with value chain representatives to transition to circular economy
- European Union's Plastics Strategy, announced this past January, calls for:
 - All plastic packaging on the EU market to be recyclable by 2030
 - Material-specific targets set at:
 - 50% plastics to be recycled by 2025
 - 55% plastics to be recycled by 2030

CANADA TABLES PLASTICS CHARTER AT G7 SUMMIT

- Canada tabled Plastics Charter at June G7 Summit
- Calls on industry to take a circular approach
 - 55% of plastics packaging recycled or reused by 2030
 - 100% recovery of plastics by 2040
 - 50% recycled content by 2030
 - Clear labelling to consumers
- Canadian Plastics Strategy next step



RECYCLE BC MEMBERS MAKING GLOBAL COMMITMENTS OF 100% RECYCLABLE PACKAGING





KEY FEATURES OF UPDATED PLAN

KEY FEATURES OF REVISED PLAN

- Broadened scope of obligated material
- Recovery performance enhancements
- Recovery performance reporting
- Accessibility performance enhancements



BROADENED SCOPE OF OBLIGATED MATERIAL

PACKAGING-LIKE PRODUCT AND SINGLE-USE PLASTIC ITEMS OBLIGATED

- Packaging-like products and single-use plastic items will be obligated as directed by the Ministry of Environment
 - Packaging-like products are products that are indistinguishable from packaging when discarded by residential consumers, and includes items such as:
 - aluminum pie plates,
 - aluminum foil,
 - plastic or paper-based beverage cups,
 - kraft paper bags and
 - re-sealable plastic bags.
 - Single-use plastic includes items such as:
 - plastic cutlery,
 - plates,
 - straws and
 - stirrers
-

2019 STEWARD REPORTS TO INCLUDE NEW DATA

- Stewards of packaging-like products and single-use plastic items will be requested to submit data in their 2019 reports (2018 data)
- Steward data will be used to set Recycle BC's 2020 fees for these materials



RECOVERY PERFORMANCE ENHANCEMENTS

TARGETS WILL DRIVE CONTINUOUS IMPROVEMENT

- Material-specific recovery targets, with a focus on the difficult-to-recycle plastics
- Incremental increases to the program target beyond the 75% regulatory target
- As each target is achieved and maintained for 2 years, it will be increased

Material Category	2017 Recovery Rate	Target Recovery Rate	Year to Achieve Target
Paper	87%	90%	2020
Plastic	41%	50%	2025
Rigid Plastic	50%	55%	2022
		60%	2025
Flexible Plastic	20%	22%	2022
		25%	2025
Metal	66%	67%	2020
Glass	72%	75%	2020

As each material category achieves and maintains the target recovery rate for two years, a new target will be proposed

TARGETS REFLECT INTERNATIONAL EFFORTS

- 50% performance target in line with the EU's newly agreed 50% target to be achieved by 2025
- Plastic targets most aggressive of all four categories
 - Increasing recovery rate from 41% to 50% by 2025 will require **22%** performance growth
- Recycle BC's program is restricted to residential material with no beverage containers as compared to EU which has access to a broader scope of material

PROGRAM GROWTH NEEDED TO ACHIEVE TARGETS

Material Category	Recovery Rates - Current	PP Recovery Rate Targets		Annual Growth Rate Required to Achieve Targets	
		2020	2025	2017 - 2020	2017 - 2025
Paper	87%	90%		1.1%	
Plastic	41%		50%		2.5%
Metal	66%	67%		0.1%	
Glass	72%	75%		1.0%	

< 1%	<i>Achievable</i>
1% - 2%	<i>Risk, may need intervention</i>
> 2%	<i>Intervention required</i>

GENERAL PROGRAM TARGET WILL RISE AS MATERIAL-SPECIFIC TARGETS ARE ACHIEVED

- Between 2018 and 2022, Recycle BC commits to achieving an incrementally increasing general program target as follows:
 - 2018 – 75% (current state)
 - 2019 – 75%
 - 2020 – 77%
 - 2021 – 77%
 - 2022 – 78%
 - Half of our program growth is dependent on meeting the 50% plastics target
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PERFORMANCE REPORTING ENHANCEMENTS

ANNUAL RECOVER MATERIAL-SPECIFIC PERFORMANCE REPORTS

- Each year Recycle BC will report the recovery rate performance for the categories of **Paper, Plastic, Metal and Glass**, expressed as a percentage of collected material divided by supplied material
- Each year Recycle BC will report the recovery rate performance for two plastic sub-categories (**rigid plastic and flexible plastic**), expressed as a percentage of material collected divided by material supplied.

RECOVERY PERFORMANCE REPORTING ACCORDING TO POLLUTION PREVENTION HIERARCHY

- Each year Recycle BC will report on the performance of collected PPP and other materials in relation to the pollution prevention hierarchy as follows:
 - Total tonnes of PPP and other materials managed by recycling
 - Tonnes of Paper, Plastic, Metal and Glass managed by recycling
 - Tonnes of PPP and other materials managed by recovery
 - Tonnes of PPP and other materials managed by disposal
- Recycle BC will also report annually on quantities managed on behalf of other parties as follows:
 - Tonnes of newspapers recovered for the Province of BC
 - Tonnes of other 3rd party material recovered for the Province of BC



ACCESSIBILITY PERFORMANCE ENHANCEMENTS

ACCESSIBILITY PERFORMANCE TO IMPROVE

- Curbside collection options
- Multi-family collection expansion
- Depot network expansion to address underserved regional districts and remote communities
- Increased access for First Nations
- Streetscape
- Compostable packaging

CURBSIDE COLLECTION OPTIONS FOR LOCAL GOVERNMENTS

- The Program Plan contains options for delivery of curbside collection to residents in BC
- Recycle BC may deliver curbside collection to residents itself or, as is often the case, in partnership with local governments
- The Plan outlines criteria for existing curbside programs, new curbside programs and the transition to provision of curbside service by Recycle BC
- Local governments can also elect to decline Recycle BC's offer to provide curbside service and can operate curbside collection service outside of the Recycle BC program

MULTI-FAMILY COLLECTION OPPORTUNITIES SOUGHT

- In 2017, Recycle BC serviced 422,000 multi-family households (there are a total of 793,000 multi-family households in BC)
- Recycle BC contracts with local governments and private waste management companies that accept an established financial incentive to deliver collection service
- The majority of multi-family buildings not serviced by Recycle BC are serviced by private waste management companies that typically offer a bundled service of PPP, garbage and often organics collection
- To improve multi-family accessibility, Recycle BC will identify communities without significant Recycle BC presence and offer an established financial incentive rate to qualified multi-family collection contractors

ATTENTION TO UNDER-SERVICED REGIONAL DISTRICTS AND REMOTE COMMUNITIES

- Accessibility measured by drive-time-to depot metric:
 - Currently 98% of the BC population located within a 30 minute (urban) or 45 minute (rural) drive-time to a depot
- Each year the expansion of depot service will be assessed with special attention given to fill a collection need in under-serviced communities
- Where incremental depot capacity is needed, Recycle BC will expand depot coverage by:
 - Providing existing depot operators with the option to establish satellite depots for selected smaller communities peripheral to their existing depots
 - Provide retailers with opportunity to collect PPP in-store and transport it to a centralized distribution centre for pick-up by Recycle BC

MORE ACCESS FOR FIRST NATIONS COMMUNITIES

- In 2017, Recycle BC had 11 First Nations communities as collection partners,
- Each year Recycle BC will expand First Nations recycling by:
 - Provide a financial offer and services agreement to two First Nation recycling programs per year
 - Review existing Recycle BC service areas to determine if they can include non-serviced First Nations communities
- Recycle BC founded the First Nations Recycling Initiative (FNRI) in 2017 with eight other BC stewardship organizations to support recycling in their communities
 - Recycle BC has a dedicated First Nations staff person who leads the First Nations Recycling Initiative
 - First Nations Recycling Initiative will establish goals and report outcomes annually

STREETSCAPE A POTENTIAL COLLECTION CHANNEL

- Recycle BC has undertaken studies to explore a preferred approach to collecting PPP from streetscape channels
- Current study results show that collected material is poorly sorted and highly contaminated
- With 30%+ contamination rates this material is very difficult to market, a situation exacerbated by the tightening market conditions
- Recycle BC will continue to conduct research through streetscape collection projects to determine alternate approaches to collection and if a suitable model is identified will consult on the program's design and financial offering with local governments

ASSESS COMPOSTABLE PACKAGING

- In 2018, Recycle BC will conduct research to determine the quantity of PPP in organic waste collection programs
- Given the expansion of packaging and paper in compostable formats, Recycle BC will be undertaking research to determine end-of-life for PPP delivered to municipal or commercial composting facilities
 - If quantity is significant, and Recycle BC is able to determine the quantity of PPP recovered annually in organic waste collection programs, Recycle BC will report this material end-of-life as part of the Pollution Prevention Hierarchy report
- Post-research and based on outcome, Recycle BC will develop financial incentives for the management of appropriate types of PPP in the organic waste stream



NEXT STEPS

TIMELINES AND NEXT STEPS

Date	Activity
July 12	Revised Plan Posted for Comment
July 17, 18 & 19	Stakeholder Consultation Meetings
September 6th	Stakeholder Feedback Due
September 28	Consultation Report and Revised Plan Reviewed by Recycle BC Board
October 1	Recycle BC Plan submitted to BC Ministry of Environment



**SEND COMMENTS TO
CONSULTATION@RECYCLEBC.CA**



Q&A



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