

ANNUAL STEWARD MEETING

October 26, 2016



Stewardship Ontario



MULTI
MATERIAL
BC

Information for Webcast Participants

In-person attendees – **100+**

Webcast audience – **250+**

- Speaker advances slides
- Sound slider **①**
- Questions/comments at ‘Ask a Question’ **②** then click ‘submit’
- If you have technical issues also let us know via the “Ask A Question” box



Canadian Stewardship
Services Alliance



①

0:00

ASK A QUESTION **②**

SUBMIT



Canadian Stewardship
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WELCOME

**CALLA FARN,
VICE PRESIDENT, STEWARD SERVICES**



Canadian Stewardship Services Alliance



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Multi-Material
Stewardship Western



MMSM

Multi-Material
Stewardship Manitoba



Stewardship Ontario



Stewardship Ontario



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Stewardship Manitoba



Multi-Material
Stewardship Western



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Harmonized & Simplified Administration

Shared Services Model provides stewards:

- ✓ National call centre
- ✓ One-stop Reporting
- ✓ Steward Training and Information Sessions
- ✓ National Materials List



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Stewardship Western



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Continued Support for Stewards

New improved reporting tools for stewards:

- Dedicated micro-site
- Updated Guidebook
- Sector-Specific Reporting Tips
 - ✓ **750+** downloads
- Steward List & Change Log
- Improved Accuracy of Reports



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Shared Services Model Delivers Benefits

- ✓ Administrative costs shared across four programs
- ✓ Avoidance of start-up costs
- ✓ Leverage existing technologies, knowledge & expertise
- ✓ Accrued savings of \$3.6M each year or **\$12M since 2013**



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New Governance Model for Greater Steward Involvement

New Governance structure reflects input from stewards for more involvement and decision making with stewardship organizations at provincial level

MMBC Board of
Directors
(Independent)

MMSW Board of
Directors
(Independent)

MMSM Board of
Directors
(Independent)

Stewardship
Ontario Board of
Directors
(Independent)





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Four-Step Fee Methodology



STEWARD CONSULTATION COMMITTEE



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Material Cost Differentiation Project



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Today's Agenda

- Welcome
- Update on the Four-Step Fee Methodology Project
- Material Cost Differentiation Project Overview
- Q&A
- **Break**
- Program Performance, Status Update, 2016 Budget and Fee Schedules:
 - Stewardship Ontario (SO) and Q&A
 - Multi-Material Stewardship Manitoba (MMSM) and Q&A
 - Multi-Material Stewardship Western (MMSW) and Q&A
 - Multi-Material BC (MMBC) and Q&A
- Wrap-up



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Four-Step Fee Methodology

**Scott Tudor,
Director, Sustainability, Sobeys &
Co-Chair, Steward Consultation
Committee**

Four-Step Fee Methodology is LIVE!

- ✓ Thank you SCC – devoted over 1500 hours into the project
- ✓ Fee methodology developed by stewards for stewards
- ✓ Used for fee setting for MMBC, MMSW and MMSM
- ✓ SO awaiting Ontario MOECC approval





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What are the Four Steps of the Methodology?

Step 1: Allocate the **Gross Cost** of the recycling system



Step 2: Allocate the **Commodity Revenue** earned by the recycling program



Step 3: Allocate the **Program Management** costs of the stewardship program



Step 4: Allocate the **Promotion & Education and/or Market Development** costs



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Material Cost Differentiation Project

Neil Antymis

Director, Government Affairs, PepsiCo

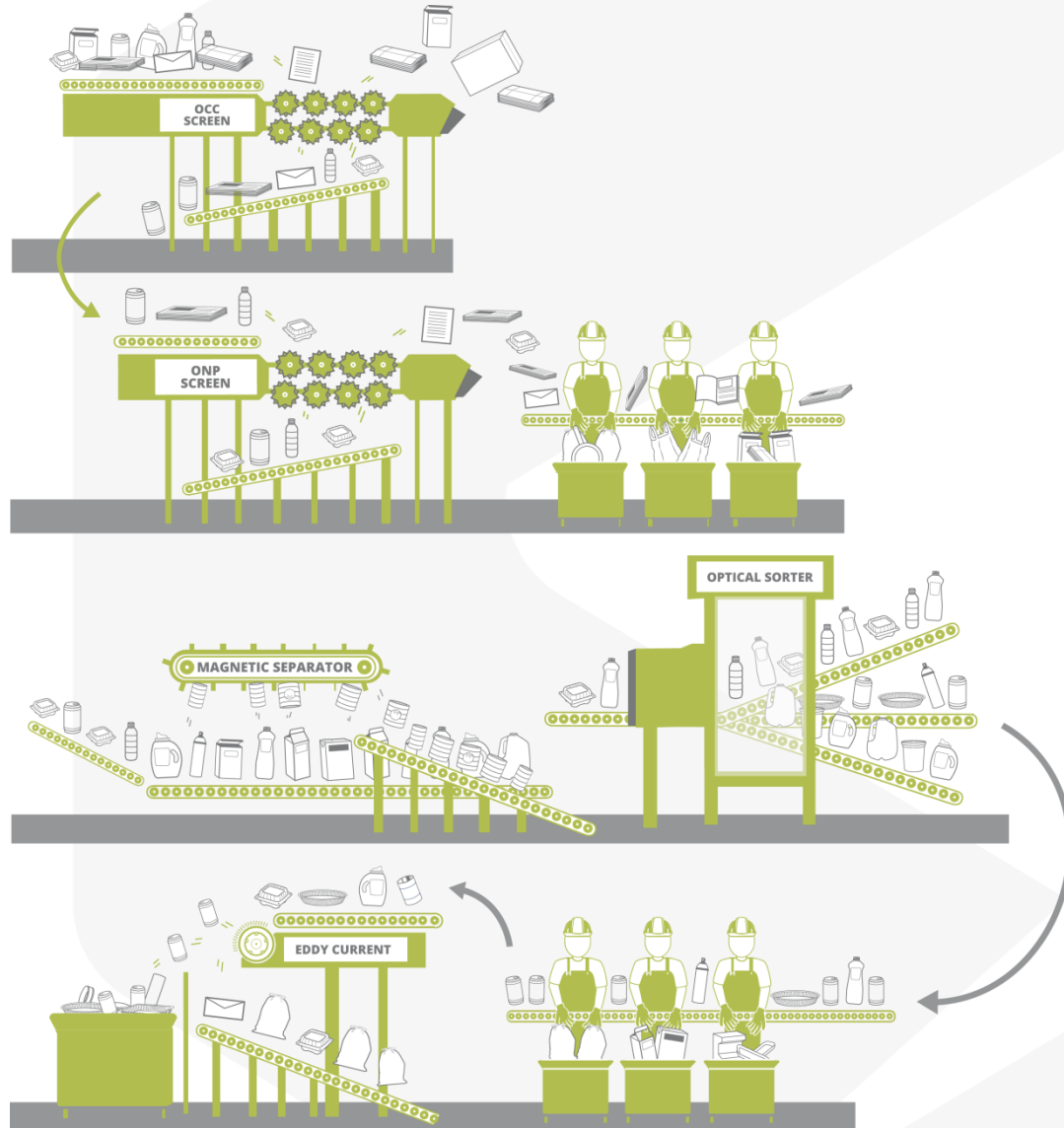
Beverages Canada &

Co-Chair, Steward Consultation Committee



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Material Cost Differentiation Project





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Material Cost Differentiation Matters Video

https://www.youtube.com/watch?v=_AKug9Sq1sk



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Questions?



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BREAK



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Thinking
beyond
the box

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David Pearce
Stewardship Ontario

Stewardship Ontario Update

- **How Did We Do?**
- **What's Happening Now?**
- **Looking Ahead**

Ontarians Love their Blue Box!

**852,437
tonnes
recycled**



2015



**98% of
households
have access
to recycling**



**Over 5.4 million
households
serviced**

Getting Multi-Family Residents Recycling More!



WHO SAID CONDO AND APARTMENT RESIDENTS CAN'T RECYCLE?

It's time to throw out some old ideas



Make recycling a priority wherever you live.
Ask your superintendent where to recycle
in your building.

stewardshipontario.ca



HEY YOU.
UP THERE.
**DID YOU
KNOW YOU
CAN RECYCLE?**

Put water bottles, pop cans, milk and
juice cartons, and more in your recycling.
Make recycling a priority wherever you live.

stewardshipontario.ca








Ontario Passes New Circular Economy Legislation




- **The Waste Free Ontario Act** received Royal Assent in June; awaiting proclamation
- “*Strategy for Waste-Free Ontario: Building the Circular Economy*” expected within three months of proclamation of legislation
- SO preparing for new regulatory environment with focus on ensuring stewards remain compliant with ongoing updates on transition to new legislation



Recycling Rate Exceeds Target

Metric		2015	2014	YOY Variance
	Recycled Tonnes	852,437	884,504	-3.6%
	Generated Tonnes	1,332,544	1,361,930	-2.2%
	Recycling Rate	64.0%	64.9%	-1.5%
	Provincial Recycling Target	60%	60%	
	Population Serviced by PPP Program	13,465,269	13,358,776	0.8%

Nearly All Ontarians Have Access To Recycling Services

Metric		2015	2014	YOY Variance
	Households Served	5,427,113	5,365,378	1.2%
	% Households With Access to PPP Program	97.6%	97.3%	0.4%
	P&E Cost/ Capita	\$0.55	\$0.52	5.7%

Net Costs Continue To Rise

Cost Performance	SO 2015	SO 2014	YOY Variance
Net Cost	\$263,726,504	\$252,936,907	4.3%
Recycled Tonnes	852,437	884,504	-3.6%
Net Cost per Tonne	\$309	\$286	8.2%
Net Cost per Capita	\$19.59	\$18.93	3.4%

2017 Fees Decrease By \$3.6 Million

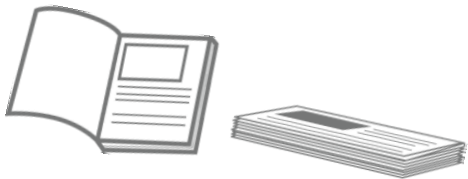
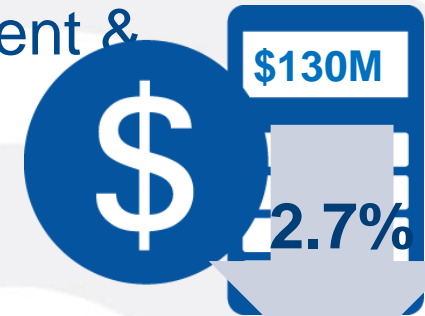


	2017	2016	YOY Variance
Obligation Share	50%	50%	
Supply Chain Costs	\$131,073,311	\$128,083,573	2.3%
Promotion & Education and Research & Market Development	\$505,000	\$550,000	-8.2%
Program Management	\$4,036,932	\$4,214,003	-4.2%
Regulatory	\$1,200,000	\$800,000	50.0%
Total Costs (before cost containment & reserve drawdown)	\$136,815,243	\$133,647,576	2.4%
Cost Containment Drawdown	\$(5,433,492)	-	
Printed Paper Reserve Drawdown	\$(1,240,681)	-	
Market Development Reserve Drawdown	\$(95,000)	-	
Total Fee	\$130,046,071	\$133,647,576	-2.7%

Stewardship Ontario Fee Schedule (cents/kg)						
Category	Material	2017 Fee Rates before cost containment and surplus drawdown	2017 Fee Rates after cost containment and surplus drawdown	2016 Fee Rates	Variance: 2017 & 2016 fee rates (before drawdown)	Variance: 2017 & 2016 fee rates (after drawdown)
PRINTED PAPER						
Printed paper	Newsprint - CNA/OCNA	0.40	0.37	0.44	-9.1%	-14.8%
	Newsprint–Non CNA/OCNA	5.86	5.27	5.24	11.8%	0.6%
	Magazines and Catalogues	9.89	8.84	7.16	38.1%	23.5%
	Telephone Books	11.08	9.71	8.71	27.2%	11.5%
	Other Printed Paper	19.66	17.45	17.68	11.2%	-1.3%
PACKAGING						
Paper Based Packaging	Corrugated Cardboard	9.96	9.61	9.28	7.3%	3.5%
	Boxboard	9.96	9.54	9.28	7.3%	2.8%
	Gable Top Cartons	23.72	22.75	24.93	-4.9%	-8.7%
	Paper Laminates	23.72	22.69	24.93	-4.9%	-9.0%
	Aseptic Containers	23.72	22.83	24.93	-4.9%	-8.4%
Plastic Packaging	PET Bottles	16.73	15.99	17.50	-4.4%	-8.6%
	HDPE Bottles	12.56	11.88	13.81	-9.1%	-14.0%
	Plastic Film	34.33	32.96	33.32	3.0%	-1.1%
	Plastic Laminates	34.33	32.90	33.32	3.0%	-1.3%
	Polystyrene	34.33	33.00	33.32	3.0%	-1.0%
	Other Plastics	34.33	33.02	33.32	3.0%	-0.9%
Steel Packaging	Steel Food & Beverage Cans	6.70	6.33	6.21	7.9%	2.0%
	Steel Aerosols	6.70	6.45	6.21	7.9%	3.8%
	Steel Paint Cans	6.70	6.44	6.21	7.9%	3.7%
Aluminum Packaging	Aluminum Food & Beverage Cans	4.77	4.16	4.11	16.1%	1.3%
	Other Aluminum Packaging	7.33	6.86	11.08	-33.8%	-38.1%
Glass Packaging	Clear Glass	3.90	3.77	3.78	3.2%	-0.2%
	Coloured Glass	5.32	5.10	5.63	-5.5%	-9.4%
	In-Kind	\$7,322,988	\$7,322,988	\$6,857,061	6.8%	6.8%

The 2017 Fee Schedule Highlights

- **Continued use of three-factor formula**
 - Awaiting approval from Minister of Environment & Climate Change
- **Cost containment return of \$5.4M**
- **Surplus drawdown of \$1.2M for printed paper stewards**
- **Magazines & catalogues category**
 - Increase of 23.5% due to a decline in supplied tonnes over which to share costs





Thinking
beyond
the box

Stewardship Ontario

Questions?

Annual Steward Meeting

**Karen Melnychuk,
Executive Director**


MMSM
**Multi-Material
Stewardship Manitoba**
INDUSTRY FUNDING RECYCLING



MMSM Update

- Promotion & Education
- Looking Forward
- Recycling & Accessibility Performance
- 2017 Budget
- 2017 Fee Schedule

Promotion and Education

Advertising, School Programs, Community Projects and Plastic Bag Reduction

Promotion and Education – 2015 Review

- Year two of the *“Relationship Campaign”*
- Consumer awareness at 96%
- Refresh and redesign of SimplyRecycle.ca and StewardshipManitoba.org



School Programs



- Funding for Manitoba's post- secondary education institutes
- Brandon's Waste Reduction Week
- Target Zero Eco Tours
- We Day



Special Programs

Mini Bin Program



Winter Road Pilot Project



Plastic Bag Reduction

- Advertising
- Winnipeg Harvest Bag it Forward – Plastic Bag Recycling Program
- Bag up Manitoba - Plastic Bag Roundup Challenge

Bag it Forward Video

<https://vimeo.com/125687358>

Looking Forward...

Municipal Recycling Guide



EXAMPLES OF RECYCLABLE ITEMS

These are types of recyclable materials accepted in your recycling program:



A Tale of Recycling



Looking Forward: Program Plan Renewal Update

- MMSM consulted on its PP Renewal
 - Approx. 1,600 notices were sent to stewards, trade associations, municipal partners and stakeholders
 - The PP Renewal was posted on the MMSM website
 - 14 responses/comments were received
- PP Renewal was submitted to the Minister of Sustainable Development on April 29, 2016
- The PP Renewal and consultation summary are available on the MMSM website
- Public consultation period ended October 4, 2016

Looking Forward: Consultation on Billing Cycle

- Looking for steward feedback on alignment of billing cycle with MMSW and MMBC. Beginning in 2017 MMSM Stewards would receive quarterly invoices on:

January 1, April 1, July 1, September 1

Recommended change from:

April 1, June 1, September 1 & December 1

- Please provide us with your feedback by **November 14** to: kmelnychuk@stewardshipmanitoba.org

Steady & Stable Performance

Metric	Manitoba 2015	Manitoba 2014	YOY Variance
RECYCLING PERFORMANCE			
Eligible Recovered Tonnes	82,184	81,141	1.3%
Generated Tonnes	125,579	125,110	0.4%
Recovery Rate	65.4%	64.9%	0.9%
Population Serviced by PPP Program	1,139,942	1,129,772	0.9%
Recycled kg per capita	72.1	71.8	0.4%
Net Cost per Tonne	\$297	\$280	5.9%
ACCESSIBILITY PERFORMANCE			
# Households Serviced	490,443	486,182	0.9%
% Households with Access to PPP Program	94.3%	93.5%	0.9%
P & E Cost per capita	\$0.72	\$0.69	4.4%
Consumer Awareness	96.0%	93.0%	3.2%

2017 Budget

Cost Performance	2017	2016	YOY Variance
Obligation Share	80%	80%	
Supply Chain Costs	\$15,720,843	\$13,996,700	12.3%
Promotion & Education	\$640,000	\$650,000	-1.5%
Program Management	\$2,072,253	\$1,797,363	15.3%
Government Fees	\$95,000	\$100,000	-5.0%
Total Fee (before surplus drawdown)	\$18,528,096	\$16,544,063	12.0%
Surplus Drawdown	\$(1,000,000)	\$(1,000,000)	0.0%
Total Fee	\$17,528,096	\$15,544,063	12.8%

MMSM Fee Schedule (cents/kg)						
Category	Material	2017 Fee Rates	2017 Fee Rates	2016 Fee Rates	2016 Fee Rates	Variance
PRINTED PAPER		Before Surplus Drawdown	After Surplus Drawdown	Before Surplus Drawdown	After Surplus Drawdown	After Surplus Drawdown
Printed paper	Newsprint	6.51	6.23	7.82	7.36	-15.4%
	Magazines and Catalogues	6.68	6.38	17.85	16.73	-61.9%
	Telephone Books	6.68	6.38	17.85	16.73	-61.9%
	Other Printed Paper	6.68	6.38	17.85	16.73	-61.9%
PACKAGING						
Paper Based Packaging	Corrugated Cardboard	24.00	22.79	14.98	14.10	61.6%
	Polycoat & Laminates	60.15	57.04	40.39	37.86	50.7%
	Boxboard	24.00	22.79	14.98	14.10	61.6%
Plastic Packaging	PET Bottles	28.00	26.73	17.78	16.80	59.1%
	HDPE Bottles	21.90	21.04	20.29	19.21	9.5%
	Plastic Film	45.45	43.20	43.73	41.18	4.9%
	Other Plastics	45.45	43.20	43.73	41.18	4.9%
Steel Packaging	Steel Food & Beverage Cans	11.02	10.66	14.58	13.85	-23.0%
	Steel Aerosols	11.02	10.66	14.58	13.85	-23.0%
	Other Steel Containers	11.02	10.66	14.58	13.85	-23.0%
Aluminum Packaging	Aluminum Food & Beverage Cans	-37.76	-40.62	-8.00	-8.98	-352.3%
	Other Aluminum Packaging	15.39	14.78	27.04	26.09	-43.3%
Glass Packaging	Glass	5.01	4.79	7.58	7.14	-32.9%
Enhanced Bag Fee	Plastic bags per unit	0.06	0.06	0.06	0.06	1.7%

Questions?


MMSM
**Multi-Material
Stewardship Manitoba**
INDUSTRY FUNDING RECYCLING



Multi-Material Stewardship Western

Allen Langdon,
Managing Director



MMSW Update

- Looking Back at Launch
- Where Are We Today?
- What's Next?

Service Reaching 86% of SK Households

- Successful launch on January 1, 2016
- MMSW has service agreements with **469** Municipalities, First Nations and Regional Waste Authorities
- Two Year transition period due to expire December 31, 2016
- Businesses currently exempted become obligated



Encouraging Saskatchewan Residents to Recycle



KEEPING
SASKATCHEWAN
GREEN



2017 Budget Reduced by 20%

	2017	2016	YOY Variance
Obligation Share	75%	75%	
Supply Chain Costs	\$5,340,864	\$5,668,202	-5.8%
Promotion & Education	\$75,000	\$50,000	50.0%
Program Management	\$1,448,073	\$1,516,356	-4.5%
Working Capital Accumulation	-	\$1,417,051	-100.0%
Total Fee	\$6,863,937	\$8,651,609	-20.7%

MMSW Fee Schedule (cents/kg)				
Category	Material	2017 Fee Rates	2016 Fee Rates	Variance
PRINTED PAPER				
Printed paper	Newsprint	4.00	7.15	-44.1%
	Magazines and Catalogues	4.00	7.15	-44.1%
	Telephone Books	4.00	7.15	-44.1%
	Other Printed Paper	4.00	7.15	-44.1%
PACKAGING				
Paper Based Packaging	Corrugated Cardboard	9.00	12.92	-30.3%
	Boxboard	9.00	12.92	-30.3%
Composite Paper Packaging	Gable Top Cartons	20.00	22.47	-11.0%
	Paper Laminates	20.00	22.47	-11.0%
	Aseptic Containers	20.00	22.47	-11.0%
High Grade Plastics	PET Containers	17.00	17.54	-3.1%
	HDPE Containers	17.00	17.54	-3.1%
Low Grade Plastics	Plastic Film	27.00	24.62	9.7%
	Polystyrene	27.00	24.62	9.7%
	Other Plastics	27.00	24.62	9.7%
Plastic Laminates	Plastic Laminates	31.00	33.76	-8.2%
Steel Packaging	Other Steel Packaging	8.00	15.76	-49.2%
	Steel Aerosols	8.00	15.76	-49.2%
	Steel Paint Cans	8.00	15.76	-49.2%
Aluminum Packaging	Aluminum Food & Milk Containers	19.00	24.32	-21.9%
	Other Aluminum Packaging	19.00	24.32	-21.9%
Glass Packaging	Clear Glass	4.00	13.80	-71.0%
	Coloured Glass	4.00	13.80	-71.0%

Steward Feedback Welcome

- MMSW stewards are invited to provide us with feedback on the information that was provide to you in the pre-read or at the meeting today
- Please send us your comments by **Friday November 25, 2016** to stewards@multimaterialsw.ca

Questions?



MMBC Program Update

Allen Langdon,
Managing Director



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MMBC Update

- ♻️ Last Year's Highlights
- ♻️ Where We Are Now
- ♻️ Next Steps for MMBC

2015 Highlights



Achieved 77% recovery rate



Serviced 1.255 million curbside and multi-family households



24 additional depots meaning that 97% of BC households enjoy access to recycling services



186,000 tonnes of material collected through a standard material list for all participating communities



43.6 kg of material collected per capita

2016 Achievements

- MMBC expanded direct service in September 2016 with addition of **City of Vancouver** and **Pitt Meadows**
- MMBC was highlighted in 2016 New Plastic Economy report issued by Ellen MacArthur Foundation and World Economic Forum as a successful recycling program that
“...allows the province to achieve productivity previously unavailable to residential recycling programmes.”



2016 Resident Campaign

RECYCLING SAVES ENERGY

THAT CAN BE USED TO POWER
HOMES IN YOUR COMMUNITY.



BIG CHANGES START AT HOME.
FIND OUT MORE AT RECYCLINGINBC.CA



RECYCLING REDUCES WASTE

KEEPING GARBAGE OUT OF
OUR LANDFILLS AND OCEANS.



BIG CHANGES START AT HOME.
FIND OUT MORE AT RECYCLINGINBC.CA



RECYCLING REDUCES GREENHOUSE GAS

PROTECTING OUR LAND, AIR, AND WATER.



BIG CHANGES START AT HOME.
FIND OUT MORE AT RECYCLINGINBC.CA



2016: Expanding On-Street Recycling Stations



City of Vancouver Transition

- CoV has been included in MMBC program since May 2014, receiving MMBC incentives for:
 - Curbside collection
 - Multi-family collection
 - 2 depots
- In November 2015, the CoV announced decision to transition responsibility for curbside and multi-family service directly to MMBC
- CoV indicated that: “MMBC has demonstrated their ability to implement recycling systems in other municipalities and have achieved high levels of recycling.”
- MMBC released an RFP for collection services Dec 2015

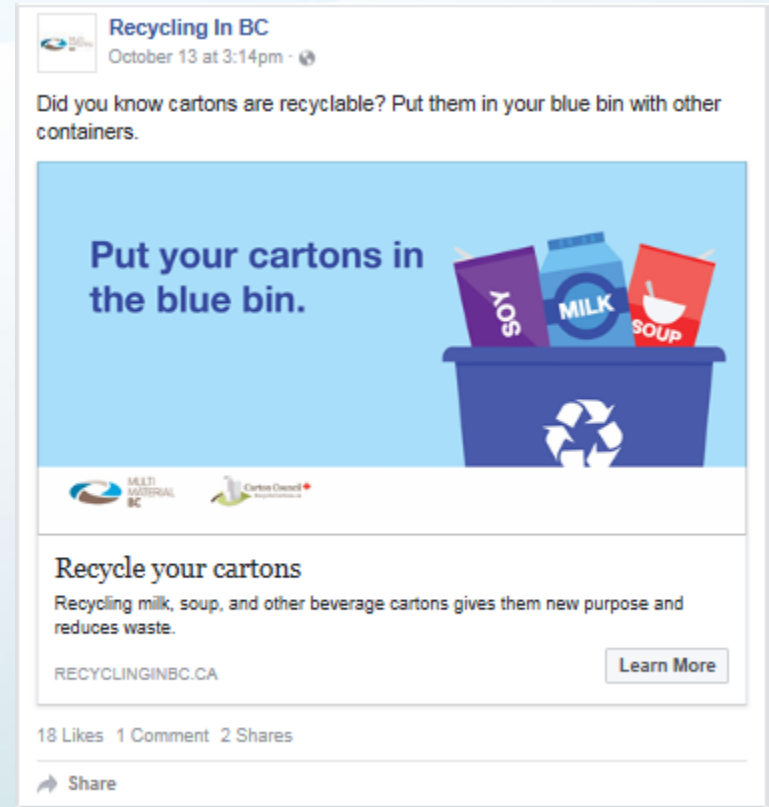
Plastic Film and Foam Pilot with London Drugs

The one-year pilot program involves 11 stores in the City of Vancouver and will be evaluated for potential introduction in other parts of the province in the future.



Carton Campaign

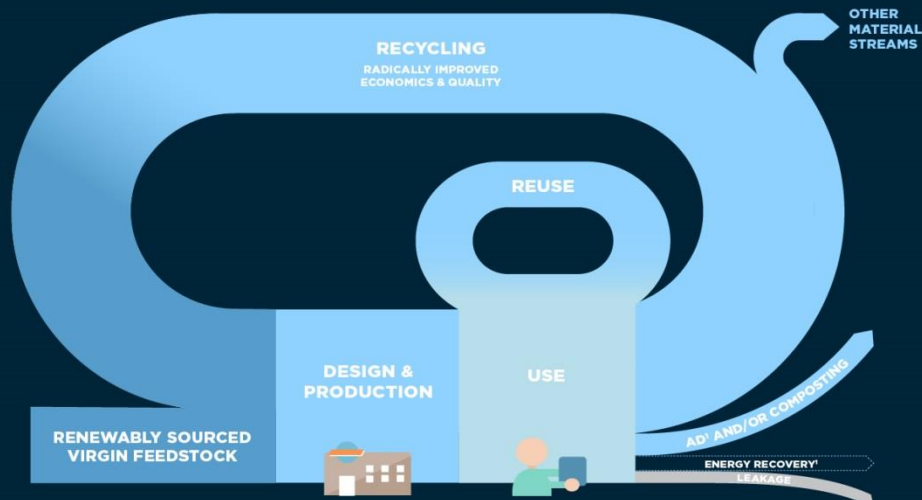
- Partnership with Carton Council
- Online awareness campaign
 - Launch October 17
 - 5 weeks
- Facebook promoted posts, ads through Google network
- Next steps:
 - Monitor and refine Facebook ads



New Plastics Economy Initiative

THE NEW PLASTICS ECONOMY

1 CREATE AN EFFECTIVE AFTER-USE PLASTICS ECONOMY



3 DECOUPLE PLASTICS FROM FOSSIL FEEDSTOCKS

2 DRASTICALLY REDUCE THE LEAKAGE OF PLASTICS INTO NATURAL SYSTEMS & OTHER NEGATIVE EXTERNALITIES

WORLD ECONOMIC FORUM, ELLEN MACARTHUR FOUNDATION, MCKINSEY & COMPANY,
A NEW PLASTICS ECONOMY: RETHINKING THE FUTURE OF PLASTICS (2016)
WWW.WEFORUM.ORG/REPORTS

¹ Anaerobic digestion
² The role of, and boundary conditions for, energy recovery in the New Plastics Economy needs to be further investigated.
Source: Project Mainstream analysis

Holding Steady on Recycling & Accessibility			
Metric	BC 2015	BC 2014	YOY Variance
RECYCLING PERFORMANCE			
Recovered Tonnes	186,509	186,331	0.1%
Supplied Tonnes	243,191	232,562	4.6%
Recovery Rate	76.7%	80.1%	-4.3%
Population Serviced by PPP Program	4,282,219	4,232,081	1.2%
Recovered kg/ capita	43.6	44.0	-1.1%
ACCESSIBILITY PERFORMANCE			
# Households Serviced	1,714,761	1,694,258	1.2%
% Households with Access to PPP Program	97.3%	96.0%	1.4%
P&E Cost/ capita	\$0.42	\$0.36	16.0%
% of residents Aware and Using Recycling Services	99.0%	98.0%	1.0%

Stable Financial Performance

Cost Performance	BC 2015	BC 2014* (annualized)	YOY Variance
Recovered Tonnes	186,509	186,331	0.1%
Net Cost	\$73,801,736	\$73,503,141	0.4%
Net Cost per Tonne	\$396	\$394	0.3%
Net Cost per Capita	\$17	\$17	-0.8%
Recovered Kgs per Capita	43.6	44.0	-1.1%

* Based on 7.5 mos. of operation; for ease of comparison, 2014 performance metrics have been annualized

2017 Budget

	2017	2016	YOY Variance
Obligation Share	100% Industry Managed	100% Industry Managed	
Share of Supply Chain Costs	\$72,962,398	\$70,189,611	4.0%
Promotion & Education	\$1,800,000	\$1,350,000	33.3%
Program Management	\$7,558,538	\$7,584,646	-0.3%
Total Fee	\$82,320,936	\$79,124,257	4.0%

MMBC Fee Schedule (cents/kg)				
Category	Material	2017 Fee Rates	2016 Fee Rates	Variance
PRINTED PAPER				
Printed paper	Newsprint	11.00	20.00	-45.0%
	Magazines and Catalogues	11.00	24.00	-54.2%
	Telephone Books	11.00	24.00	-54.2%
	Other Printed Paper	11.00	24.00	-54.2%
PACKAGING				
Paper Based Packaging	Corrugated Cardboard	24.00	29.00	-17.2%
	Boxboard	24.00	29.00	-17.2%
Composite Paper Packaging	Gable Top Cartons	52.00	52.00	0.0%
	Paper Laminates	52.00	52.00	0.0%
	Aseptic Containers	52.00	52.00	0.0%
High Grade Plastics	PET Containers	53.00	31.00	71.0%
	HDPE Containers	53.00	31.00	71.0%
Low Grade Plastics	Plastic Film	91.00	54.00	68.5%
	Polystyrene	91.00	54.00	68.5%
	Other Plastics	91.00	54.00	68.5%
Plastic Laminates	Plastic Laminates	102.00	70.00	45.7%
Steel Packaging	Other Steel Packaging	20.00	52.00	-61.5%
	Steel Aerosols	20.00	52.00	-61.5%
	Steel Paint Cans	20.00	52.00	-61.5%
Aluminum Packaging	Aluminum Food & Milk Containers	26.00	45.00	-42.2%
	Other Aluminum Packaging	26.00	45.00	-42.2%
Glass Packaging	Clear Glass	15.00	25.00	-40.0%
	Coloured Glass	15.00	25.00	-40.0%

Questions?



Stewardship Ontario



MULTI
MATERIAL
BC

Thank you!

1-888-980-9549

or

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Canadian Stewardship
Services Alliance