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Events

November 7-8

CCC was an exhibitor at Reseau Environment's annual Waste Management Conference, in St-Hyacinthe, Quebec. Learn more

September 26-27

CCC was a proud sponsor of the PAC to the Future II Conference held in Montreal. CCC's Managing Director facilitated a panel discussion, Regenerative System Redesign with representatives from three sorting facilities. Learn more



Fall 2018

TEACH THEM WELL

2018 WASTE REDUCTION WEEK SPONSORSHIPS FOCUS ON YOUTH

Every year Waste Reduction Week in Canada provides an opportunity for industry, environmental organizations and the public to consider how we contribute to the nation's waste reduction efforts. This year, the Carton Council of Canada (CCC) invested in Waste Reduction Week programs focused on youth.

In Quebec, CCC joined forces with Communauté métropolitaine de Québec (CMQ) and Recyc-Québec to launch a pilot project in ten schools. The "Don't trash it" information and awareness campaign aims to make students aware that, while its usually not possible to rinse containers at school, they can be recycled as long as they are empty.



Two intervention methods will be tested and documented. Half of the schools will have the benefit of program facilitators to encourage proper recycling. The other half will receive the same information materials and supports but won't have the active inter-personal engagement. At the end of the 2018-2019 school year, a materials audit will measure the effects of this campaign. The results will be shared with all schools in the 28 municipalities CMQ serves. Depending on the results, CMQ will consider replicating the campaign in other schools.

ON THE PLAINS, THERE'S GOLD THOSE BINS!

In Saskatchewan, which has a deposit return system for beverage containers, students are being encouraged to recycle those containers, especially juice and milk cartons, at their schools and in their communities. The CCC partnered with <u>SARCAN Recycling</u> and the <u>Saskatchewan Waste Reduction Council</u> to kick-off Waste Reduction Week and to launch a new website that gives schools the ability to increase the quantity of beverage containers they recycle.

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THE GREAT CARTON SERRY TON TO NIN \$1,000 FOR YORK CARDON TENERS TON TO NIN \$1,000 FOR YORK CARDON TENERS TO NIN \$1,000 FOR

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ON THE PLAINS, THERE'S GOLD THOSE BINS!, CONT'D

<u>SARCAN School</u> enables schools to order recycling bins to collect refundable drink containers, set fundraising goals, track progress towards the goals, and informs students about the environmental impact of recycling

"Saskatchewan residents are amongst the best at recycling in North America, yet we don't have strong return rates for cartons. Aluminum, plastic and glass have remarkable return rates; however, cartons are not being recycled as often. We want to make cartons as popular to recycle as the other drink containers," said Amy McNeil, SARC/SARCAN Executive Director.

To encourage recycling throughout the school year, the new SARCAN School website features a recycling contest, The Great Carton Search, sponsored by the Carton Council of Canada.

"We are proud to be part of these great initiatives. The SARCAN School website and

the Great Carton Search Contest will contribute to increasing the number of cartons recycled in Saskatchewan, giving them a second life as paper, tissues, and construction materials. Young people are a powerful catalyst for change in our communities and it's exciting to support and encourage them," said Isabelle Faucher, Managing Director of the Carton Council of Canada.





CCC ON-SIDE WITH A SUPERHERO

Canada's Carton Council is partnering with Multi-Material Stewardship Manitoba (MMSM) in a consumer campaign aimed at growing Manitoba's capture of recyclable materials. CCC is sponsoring six digital billboards in Winnipeg, Brandon, Steinbach and four digital billboards in the Bell MTS Iceplex in Winnipeg.

The campaign launched this fall and runs until the end of June 2019. The ads feature a caped recycling superhero, Michael, with his mom, Robyn, who are leading the charge to elevate the recycling skills of Manitobans.

We're on their side!

REWALL COMPANY'S BUILDING MATERIAL—MADE FROM CARTONS— TO BE MANUFACTURED IN COLORADO

lowa-based ReWall Company is taking its waste conversion technology to Colorado in 2019 with help from a \$1.5 million grant from the Colorado Department of Health and Environment. The company converts cartons into healthy building materials without using water. ReWall doubled production at its Des Moines, Iowa plant last fall and was acquired by Continnus Material Recovery in June of this year.

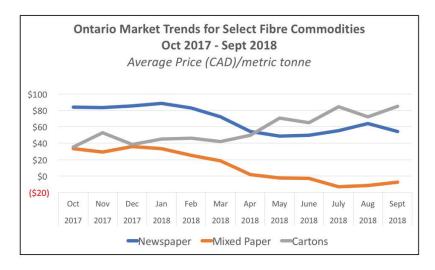


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MARKETS UPDATE

As shown in the graph below, the average price paid for used cartons is on the rise over the past six months. The Carton Council is optimistic about the current end market trends.



Source: CIF Price Sheet

IS THERE A ROBOT IN YOUR FUTURE?

As reported in an <u>August issue of Resource Recycling</u>, Lakeshore Recycling Systems recently installed <u>Machinex's SamurAl robot</u> at their single-stream Heartland Recycling Center near Chicago in May.

The unit is programmed to pick up cartons, in addition to three other materials (HDPE natural, aluminum foil, and HDPE color). Machinex noted that a SamurAl was slated to be installed at a Canadian MRF, in the near future. The bets are on – who will be the first MRF on our side of the border to get a robot?!

CCC REVITALIZES LINKEDIN PRESENCE

Keeping stakeholders "in the loop" about developments affecting shelf-stable and refrigerated food and beverage cartons is an important part of the CCC's mandate. And to do that better, we refreshed our LinkedIn site early this summer.

A large part of the refresh involves more frequent and regular posts of news and events of interest to our stakeholders. This includes notices of new content on our website, such as blog posts and technical guides; as well as sector news about markets for cartons, upcoming industry events, and developments in recycling equipment or processes.

If you aren't already following us for these "bite-size" news items visit us at <u>LinkedIN</u> to see what we've been covering. Our posts are offered in both English and French.





END-MARKETS & BROKERS

Please note: End-markets have their own purchasing specifications and requirements. Some may buy directly from generators of grade PSI 52 while others may use their existing sourcing network or the brokers/traders listed below to purchase their volumes of post-consumer cartons.

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UNITED STATES

- Fox River, De Pere, WI
- Great Lakes Tissue, Cheboygan, MI
- ReWall, Des Moines, IA

ASIA

- Daewang Paper Co. Ltd., Gunpo-si, S. Korea
- Daewon Paper Co., Pochun, S. Korea
- Samjung Pulp Ind. Co. Ltd., Godeokmyeon, S. Korea
- Shin Chang & Paper Industry Co. Ltd., Chungchongnam-Do, S. Korea
- Kyungbo Paper, S. Korea
- Ssangyong C&B, S. Korea
- Kleannara, S. Korea
- Prince, S. Korea
- Sinchang, S. Korea
- Fiber Pattana*, Bangkok, Thailand
- Paper Corea, Gunsan, South Korea (Expected Jan. 2018)
- Deluxe Recycling, India
- *This end-market consumes used aseptic loads only

MEXICO

Mills consuming cartons:

- Biopappel, Tres Valles, Veracruz State
- Celupak, San Juan Del Rio, Queretaro State
- Fabrica de Papel San Jose, Texcoco, Estado de Mexico
- Imerssa, Zumpango, Estado de Mexico
- Kimberly-Clark, Orizaba, Veracruz State
- Reciclados del Izta, San Rafael Tlamanalco, Estado de Mexico
- SCA, Ciudad Sahagun, Hidalgo State
- Ziklum, Acolman, Estado de Mexico

CONSUMERS OF POLY/ALUMINUM AND POLY RESIDUAL:

- Ecolaminados, Morelia, Michoacan State
- Ecomadera, Jiquilpan, Michoacan State
- Grupo Tea, Zumpango, Estado de Mexico
- IMERSSA, Zumpango, Estado de Mexico
- PLACOVE, Toluca, Estado de Mexico
- Q.F. Mex, Mexico D.F
- **Ziklum**, Acolman, Estado de Mexico Ecolaminados, Morelia, Michoacan State

COMPANY	LOCATION	CONTACT
Ace Fibers Ltd.	Mississauga, ON	acefiberItd@gmail.com
Berga Recycling	St-Eustache, QC	gates@bergarecycling.com
Canada Fibers Ltd.	Toronto, ON	toml@canadafibersItd.com
Colin Johnston Trading	St. Catherines, ON	colin@colinjohnstontrading.com
Ekman Recycling	Brockville, ON	bill.renkema@ekmangroup.com
ICF Global, Inc.	Temecula, CA	paulchung01@gmail.com
Newport CH International Llc	Orange, CA	chahne@newportch.com
North South Fibers	Brossard, QC	emurphy@northsouthfibres.com
Pinnacle Fibres Inc.	Montreal, QC	r.khanna@pinnaclefibres.com
Potential Industries, Inc.	Wilmington, CA	tony.fan@potentialindustries.com
Recyclage Laroche	Candiac, QC	gerry@larocherecycling.com
Recyclable Materials Marketing (ReMM)	Brantford, ON	atul@remm.ca
Storelli Recycling Company	Ft. Lauderdale, FL	paul@storellirecycling.com
The Paper Tigers	Bannockburn, IL	nhalper@papertigers.com

Please note: 1) Most brokers are able to service all regions of Canada. 2) The brokers listed above are known to the CCC as brokers of post-consumer cartons (PSI-52 grade). The list is presented for consideration only and does not contain all available options. Please conduct proper due diligence when selecting a broker to ensure pricing and services are competitive and suited to your needs.