

Connector

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Putting Your Business to Work on Reducing Food Scrap Waste

On June 15, the RCA, in partnership with The City of Calgary, hosted an educational opportunity for businesses in the Calgary area on how to start diverting their organic waste.

The City of Calgary is planning to ban all organic waste from the landfill by 2019 along with implementing a mandatory source separation bylaw in 2016 and adding organics to the designated materials list in 2017. Session participants learned about the impacts this would have on their businesses and were able to meet with local haulers and processors to get a head start on diverting their organic waste.

Presentations were given on each level of the food waste hierarchy to demonstrate the varying options available for diverting organics.

Presentations included an introduction by The City of Calgary on their industrial, commercial and institutional organic waste diversion strategy, Green Calgary on the benefits of diverting food waste, Alberta Health Services on food donation from a health perspective, Calgary Interfaith Food Bank on food donation requirements, Kris Vester from Blue Mountain Biodynamic Farm on feeding animals with food

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of Alberta*

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c/o Recycling Council of Alberta
Box 23, Bluffton, AB T0C 0M0
Tel: 403.843.6563 Fax: 403.843.4156
info@recycle.ab.ca
www.recycle.ab.ca
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continued from title page

scraps, and success stories from Leftovers Calgary and the Stampede Caravan Committee. Various local composters also presented on different processing methods and collection options for businesses.



(Source: US EPA 2015)

2015 CONFERENCE ON CANADIAN STEWARDSHIP

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RCA WASTE REDUCTION CONFERENCE

SEPTEMBER 30 to OCTOBER 2
The Fairmont Banff Springs, Banff, AB

KEYNOTE SPEAKER
ADAM MINTER - author of Junkyard Planet

SESSIONS

- Provincial ADM Panel
- Standards, Accountability
- Sharing/Reuse Economy
- EPR World Stage
- Organics Diversion
- Markets and Innovation
- EPR and Business

EVENTS

- Local Tours
- Gala Banquet
- Rs of Excellence Awards
- Exhibits and Networking Opportunities

EARLY-BIRD REGISTRATION DEADLINE JULY 15

Registration, exhibit or sponsorship info: www.recycle.ab.ca · www.canadianstewardship.com

Recycling Council of Alberta

Conference on Canadian Stewardship

Cochrane Expands Foam Recycling

The Cochrane Eco Centre is one of the few recycling facilities in Alberta to accept foam products. The Town of Cochrane recently purchased a new foam-recycling machine that can handle more types of foam products which has allowed the Eco Centre to expand its list of accepted foam material.

“We used to have a very limited list of acceptable foam material,” says Sharon Howland, Manager, Waste and Recycling. “Residents and businesses can now bring in all sorts of foam servingware – cups, plates, take-out containers, packing peanuts, meat trays and egg cartons – and Styrofoam insulation, in addition to the packing foam they used to be able to bring to the Eco Centre.”

The Town of Cochrane launched its Foam Recycling program in July 2009. The program utilized a Greenmax Cold Compactor, a machine more suitable to post-industrial or warehouse type Expanded Polystyrene waste; though at the time of purchase the Town had been led to believe that the machine would process all post-consumer foam products. After months of trials and tribulations, it became apparent that the machine was only capable of handling “clean white packing foam” – for the next 5 years that is how the program operated; collecting, processing

and marketing 12 MT of foam annually.

The Town received continued pressure from the community to expand the foam-recycling program to accept more types of post-consumer

foam. After much research and consultation, the Town of Cochrane purchased a FD-25 thermal densifier from Avangard Innovative. The Cochrane Eco Centre is now able to accept a wider range of foam products. The new machine represents not only a great recycling opportunity for Cochrane and area residents but it has also lead to a number of processing efficiencies and a significant increase in the marketed product.

submitted by Sharon Howland, Town of Cochrane

FOAM RECYCLING

ACCEPTING FOAM & EXPANDED POLYSTYRENE

- Clean white packing foam
- Packing foam peanuts (must be bagged)
- Foam servingware: cups, plates, take out containers, meat trays, egg cartons
- Styrofoam insulation (blue/pink)



PLEASE NOTE

- All foam must be clean of residue and free of tape/labels
- No spray foam, textile or furniture foam
- Film foam goes with plastic bags



Multi-Unit Recycling Comes to Cochrane!

On June 1st, the Town of Cochrane's Waste Management Bylaw requiring all local multi-unit properties to provide on-site recycling for their residents took effect. The intention of the program is to ensure that Cochrane residents living in apartment complexes, condos and townhouses have access to convenient recycling services just as the single-family homes serviced under the Roll With It Cochrane program.

Property managers / owners are responsible for submitting a Waste & Recycling Plan to the Town describing how they intended to provide recycling services to their property. Property managers / owners were given the following options:

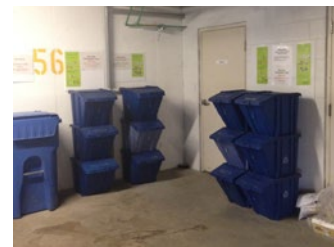
1. Properties with greater than 24 Units: required to have onsite storage and collection of recyclables. Collection must be provided by a legitimate hauler that hauls to a verifiable processing facility.
2. Properties with less than 24 Units: required to have on-site storage but could opt to self-haul recyclables to a verifiable processing facility or recycling depot.
3. Properties with less than 8 Units: could apply to the Town of Cochrane to be brought under the Roll With It Cochrane program.

All properties are required to provide recycling for the same materials as accepted through the Roll With It Cochrane program – paper, cardboard, aluminum plates, tin cans, beverage containers, 1-7 plastics, plastic bags and film.

The program was implemented after an extensive community engagement initiative “Let’s Talk Cochrane – Zero Waste”. Through this process it became apparent that tackling the Multi-unit sector was important not only to Cochrane’s diversion goals but to ensuring equal access to convenient programming but to do so in a way that recognizes the diversity property types and property needs within the sector.

As of August 1st, 38 Units were absorbed under the Roll With It Cochrane program; 42 Units (2 buildings) opted to have the onsite property manager self-haul recyclables to the Cochrane Eco Centre, and; 1243 Units are now serviced with on-site storage and collection of recyclables from a private hauler.

submitted by Sharon Howland, Town of Cochrane



Think Green Success Story

Feature sponsored by



Your Own Shoreline Cleanup Is Just A Stone's Throw Away

Canada is home to one-fifth of the world's fresh water, with thousands of interconnected lakes, rivers, streams, and wetlands to nourish and sustain us. No matter where we live, we are just a stone's throw away from a watershed.

Within Alberta, there are 600 lakes, 245 rivers and the second largest glacier-fed lake in the world, Maligne Lake. Last year, 2,560 Albertans did their part in protecting this valuable resource by removing more than 6,600 kilograms of litter from along lakes, rivers, creeks and streams. The majority of litter items picked up originated from single-use food and beverage items (32%) and smoking related activities (42%).

Even though shoreline cleanups typically last just a couple of hours each, the 91 Alberta cleanups in 2014 collected more than 60,000 pieces of litter, including a piece of a gold pan, a homemade javelin, a rope ladder, water cooler, playground slide, antique tape measure, and a pair of x-ray glasses. Almost 67% of all litter collected was from shorelines bordering on freshwater habitats. "

The Great Canadian Shoreline Cleanup, presented by Loblaw Companies Limited, is looking for people to champion their own local shoreline. Information is available online at ShorelineCleanup.ca.



2014 top items removed from 130 km of shorelines in Alberta:

Items	# of Items Removed
Cigarette Butts and Cigar Tips	24,435
Food Wrappers	4,405
Plastic lids and bottle caps	2,584
Plastic Bags (grocery and other)	2,470
Straws / Stirrers	1,848
Paper Bags	1,470
Other plastic / foam packaging	1,325
Beverage Cans	1,157
Tobacco Packaging / Wrap	1,002

Do you have a Waste Reduction Success Story?

Submit details on your successful business or municipal program to info@recycle.ab.ca, fax 403.843.4156 or phone 403.843.6563 for further details.

INTERNATIONAL BAG FREE DAY:

A Europe without plastic bags

On International Plastic Bag Free Day, a coalition of environmental and waste prevention organizations urge EU Member States to take measures on environmentally damaging single-use plastic bags in accordance with new EU Directive requirements.

Every year, the average EU citizen uses an estimated 500 plastic bags, 92.5% of which are single-use. Around 90 billion single-use plastic bags were used in the EU in 2010. European citizens think it is time to take action. A 2014 survey carried out by the European Commission, found that 92% of respondents agree that measures should be taken to reduce the use of single-use plastic items, such as shopping bags.

There has been recent progress by EU institutions on tackling this issue. In May, a new European Directive, 2015/720/UE to reduce the consumption of lightweight plastic carrier bags entered into force. The Directive requires Member States to reduce the use of plastic carrier

bags with a thickness of below 50 microns by either:

- taking measures to reduce annual average consumption of lightweight plastic carrier bags to 90 per person by the end of 2019, and 40 by 2025;
- OR
- by ensuring that by the end of 2018, no more lightweight plastic carrier bags are handed over free of charge to shoppers.

Member states have an 18-month limit to transpose it into their national law.

However, this law allows oxo-degradable bags to continue to be used in Europe despite their disastrous impact on the marine environment, where they degrade into smaller pieces of plastics impossible to remove from the environment.

For more information, visit www.plasticbagfreeday.org

Source: ZWIA

Way to go Alberta!

You're some of the best recyclers in the world...

7 million computers and TVs

16 million litres of paint

2.8 million spray paint cans

95 million tires

Keep up the good work!

For more information on Alberta's recycling programs, visit www.albertarecycling.ca



Member Profile: Renoback.com

Renoback is a free online classified service for DIY's, contractors, renovators and suppliers and is catching on fast in southern Alberta and is now shifting its focus north to Edmonton and west to Vancouver, with plans to expand to the east in November.

Renoback is a unique and innovative online classified platform that encourages the repurposing and reuse



of gently used building materials and drives their 'SaveGreen' message through a myriad of social and mainstream media initiatives.

The website offers a free listings service to DIY's, renovators, contractors, service providers and suppliers who seek a targeted audience to list, sell, buy and save while also offering service and material providers the opportunity to promote their businesses to Renoback viewers and users.

Renoback.com's story and platform delivery are driven by the need to re-think our old wasteful ways, to drive awareness that over 35% of solid waste in our landfills are construction materials, create a 'Zero Net Waste' solution and to prove that a lot of these materials really are worth saving.

Renoback is in the process of adding a unique image gallery to their website to inspire ideas for viewers, from viewers of the unlimited possibilities for furnishings and home décor items can be created with a little imagination and a bit of time.



Donate Prizes or Merchandise

The Recycling Council of Alberta invites you to donate items for our silent auction and/or as prizes for our golf tournament.

Please send a quick email to info@recycle.ab.ca if you would like to donate items. The items can be dropped off at our registration desk, which will open at 10:00 am on Wednesday, Sept. 30, in the Van Horne Foyer at the Banff Springs Hotel. If you cannot attend, but have something to donate, please contact our office to make delivery arrangements.

All donations are greatly appreciated!

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San Diego OKs 'Zero Waste' Policy

San Diego moved to the forefront of nationwide efforts to reduce waste in landfills on Monday when the City Council unanimously adopted a complex blueprint for shrinking the amount of trash produced locally to zero by 2040. San Diego's plan includes a package of new regulations, incentives and fee hikes aimed at sharply increasing recycling rates.

The move comes one year after Los Angeles adopted a similar "zero waste" policy and one month after the US Conference of Mayors voted to encourage every city in the nation to pursue such goals. Other cities with zero waste policies include New York, San Francisco, and Austin, Texas.

The city launched the "zero waste" goal in December 2013, directing staff to come up with a way to meet it.

The 19-page plan lays out dozens of specific strategies that would help San Diego boost its recycling rate of 67% to 75% in 2020, which is required by state

law, and then to 90% by 2035, which matches with the goals in an ambitious Climate Action Plan that Mayor Faulconer proposed last fall.

Those strategies include requiring greater recycling of materials during construction projects, recycling more organic materials such as food and yard trimmings, and eliminating recycling exemptions now given to small businesses and apartment complexes.

For the city's subsequent climb to 100%, the plan is less specific. It suggests the city could repeal the 1919 People's Ordinance, which guarantees free trash pick-up at all single-family homes, or shift to "exclusive" franchise agreements for trash hauling. Both approaches would give the city more opportunity to provide incentives and penalties.

Source: The San Diego Union-Tribune

Ljubljana First Zero Waste Capital

Zero Waste Europe published a new case study showing the impressive transition of Ljubljana towards zero waste. The Slovenian capital is the first capital in Europe to declare the Zero Waste goal. Slovenia joined the European Union in 2004 and did not have a proper waste collection system in place.

Snaga is the public company managing waste in Ljubljana and in 9 suburban municipalities serving around 360 000 residents. On average they have reached 61% in source separation while generating only 121 kg of non-recyclable waste per inhabitant per year. In contrast, the EU average level of source separation is 42% and a 285 kg per inhabitant per year of residual waste.

Ljubljana has avoided incineration, while proving that going towards zero waste is completely feasible in a very short time. At the same time, it has made once again evident that effective door-to-door separate collection does work not only in small villages but also in large cities. Ljubljana has managed to become the best performing EU capital, maintaining one of the lowest waste management costs in Europe.

Source: ZWIA / Stichting Zero Waste Europe



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News

CANADIAN NEWS

Liability for Swan Hills Keeps Growing

Former Alberta premier Ralph Klein once defended the money-losing Swan Hills hazardous waste treatment facility saying “you can’t put a price on cleaning up the environment,” but the Infrastructure 2014-15 annual report says it will cost the province \$176.2 million to clean up the plant site a decade from now. The facility opened in 1987 and is now operated by Alberta Infrastructure through a contracted operator. By 2012, the plant employed 110 people and had treated more than 10,000 tonnes of waste.

Since 2000 – when the province took over the facility from majority owner and operator Bovar – the plant has cost taxpayers \$255.7 million in annual operating losses. A 2008 report showed leachate in parts of the plant’s landfill had penetrated primary liners and threatened groundwater.

The plant was hit with a \$625,000 fine in 1998 – which was the largest fine for environmental violations in the province’s history at the time – for leaking toxic PCBs, dioxins and furans into the atmosphere in October 1996.

The new NDP government has yet to say what it plans to do with the facility.

The ministry’s 2014-15 annual report says the plant, “continues to destroy hazardous waste in a safe, effective and environmentally friendly manner while working to increase revenue streams and control operational costs.”

Source: Calgary Herald

Join the Conference Conversation

Tag your RCA Conference Tweets: #2015RCACCS

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Whistler to Introduce Garbage Bans

Whistler is looking to follow Vancouver’s footsteps with a bylaw to ban organic materials and recycling from the garbage. The bylaw, set to be in effect by next summer, will tackle commercial and residential strata organizations, which make up 64% of Whistler’s garbage.

According to an audit done in August 2012 on commercial and strata garbage, 54% of the garbage was compostable. A further 13% was comprised of recyclables and construction waste accounted for 11%. That leaves 22% as residual garbage.

When the waste is dumped on the floor at the transfer station, the hauler will be fined if that waste contains organics and recycling. The details of the fee schedule have not yet been announced.

It is expected that between 3,200 and 6,400 tonnes of garbage will be diverted from the landfill each year, either to compost or recycling. Cost savings should be passed on to residents and business owners, too, as composting and recycling generates lower tipping fees than garbage.

There will be a six-month active transition program to help businesses and stratas prepare. The bylaw is expected to be adopted in July 2016, followed by a six-month enforcement through education. Enforcement through fines will kick in in January 2017.

Source: Pique News Magazine

Halifax Moves to Clear Bags

Beginning August 1st, Halifax residents are only allowed to use clear plastic garbage bags on their curbs. “Non-compliant bags” containing recyclables or organics will be posted with a rejection notice. The city has made an allowance for one “privacy” bag, an opaque garbage bag that will allow you to throw out your personal items away from prying eyes.

Clear bag programs have been effective elsewhere in Nova Scotia, with Cape Breton seeing a 16% decrease in garbage destined for landfills in the first six months. The Annapolis Valley saw recycling increase by 10% and compost increase by 18% within a year.

PEI was a pioneer of this program, which began in 2002 and saw recycling double in tonnage between 2001 and 2003, reaching a 65% diversion rate from landfills that has remained constant since the clear bag program began.

A 2008 study of clear bags as a waste diversion strategy looked at 22 Canadian and US communities and found an increase in recycling tonnage in all but one (and that community introduced recycling at the same time as clear bags, so it couldn’t be measured).

Source: Huffington Post Canada

Nova Scotia EPR Plans on Pause

The Nova Scotia government has decided to “pause” implementation of Extended Producer Responsibility (EPR) in Nova Scotia, largely as a result of lobbying from the Canadian Federation of Independent Business (CFIB), who cite concerns over regulatory burden and the cost to individual small businesses. This means EPR has been delayed for at least a year in this province that has historically been known for its progressive waste management policies.

Source: CFIB

Geoff Rathbone New Director of Operations at WDO

Waste Diversion Ontario (WDO)’s new Director of Operations is Geoff Rathbone.

Geoff has had an extensive career in waste management in Ontario. Most recently he was Vice President at Progressive Waste Solutions, with responsibility for developing recycling and resource recovery systems to support operating divisions of this company across North America. Prior to joining Progressive Waste Solutions, he was General Manager – Solid Waste Management Services for the City of Toronto, with responsibility for managing the city’s solid waste diversion programs. Earlier in his career he was Vice President, Market and Technical Development for CSR: Corporations Supporting Recycling, with responsibility for developing end markets for Ontario’s curbside recyclables. He has also worked for Laidlaw Waste Systems Ltd., Domtar Packaging and the Essex-Windsor Solid Waste Authority.

Geoff has also served on the Boards of the Recycling Council of Ontario, Waste Diversion Ontario, the Association of Municipal Recycling Coordinators and the Ontario Waste Management Association. He holds an Honours Bachelor of Environmental Science degree from the University of Waterloo.

Source: Waste Diversion Ontario

INTERNATIONAL NEWS

ISRI Releases Study on the Economics of Recycling

The Institute of Scrap Recycling Industries (ISRI), Washington, has released a new economic impact study that shows the recycling industry accounts for nearly half a million jobs in the United States and generates more than \$105 billion annually in economic activity.

According to the study:

- The industry generates about \$4.4 billion in state and local revenue annually and another \$6.8 billion in federal taxes are paid each year by the industry and its employees.
- The scrap recycling industry accounts for 0.68% of the national’s total economic activity, making it similar in size to the country’s data processing and hosting, dental and automotive repair industries.
- Exports account for 26.8% of the industry’s economic activity, creating roughly 125,276 jobs.
- Export activity generates \$28.3 billion in economic benefits, including \$1.3 billion in federal tax revenue and \$1.7 billion in state and local taxes.

Source: Recycling Today



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News

NYC Mayor Proposes ICI Composting Mandate

Hotels, arenas and large-scale restaurants would be required to separate food waste from regular trash under a proposal by New York City Mayor Bill de Blasio.

The new regulation would apply to restaurants in hotels with more than 150 rooms, vendors in arenas and stadiums with seating capacity of at least 15,000 people, food manufacturers with a floor area of at least 25,000 square feet and wholesalers with at least 20,000 square feet.

Requiring these businesses to start composting their organic-food waste is a step toward achieving “zero waste” in landfills by 2030, the mayor said.

Other food businesses, like grocery stores, caterers, normal-sized restaurants and fast-food establishments, would not be required to compost under the new rule. The sanitation department will publish the rule over the summer, which is subject to public comments. It will go into effect six months after, but affected businesses will have a six-month grace period before any fines will be imposed.

Under the law, covered businesses would be given the option to arrange for collection by a private carter, transport organic waste themselves, or compost on-site, subject to compliance with the city's sewer use rules. Businesses would be liable for 100% of the costs associated with composting.

Source: Crain's New York

Wondering Where to Recycle Your Stuff?

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Uber for Garbage?

It's the brain child of a Georgia-based garbage startup and the former CTO of Uber.

A seven-year-old startup out of Atlanta plans to launch an app that will offer on-demand trash pick up, similar to how the Uber app can provide a ride service. The Uber comparison isn't just a metaphor – the company has hired the founding CTO of Uber, Oscar Salazar, as its chief technology advisor and to help launch the app.

The company is called Rubicon Global and it manages a network of independent waste haulers, who bid on picking up trash from business customers like 7-Eleven and Wegmans. The company claims to offer businesses lower trash bills and using its software can more efficiently find places to recycle, resell and haul off the garbage.

With this new mobile app, Rubicon Global is looking to move beyond its business customer base. The company says ordering a garbage pick up won't be as quick as ordering an Uber car, which usually takes just several minutes to arrive. The Rubicon Global app will probably take closer to a few hours, or even the next day, when it first launches. Down the road, the company hopes the on-demand trash pick up process will take closer to 30 minutes.

Source: Fortune

Northern Ireland Considers Deposit System

Northern Ireland's Environment Minister, Mark H Durkan, is considering the introduction of a money back on bottles system to help boost recycling, following from Scotland's commissioned work to explore the feasibility of improving recycling and reducing littering of drinks container via a deposit return system.

The feasibility study assessed the benefits and challenges of introducing a system and explored the role that it could play in reducing litter, complementing local authority recycling services and improving the quality of materials collected for recycling.

The proposed system would accept the broadest range of materials and the suggested deposit would be between 10p and 20p depending on volume. Deposits would be returned manually by retailers or through automated reverse vending machines.

An opinion poll, conducted for the Association for the Protection of Rural Scotland (APRS) by Survation, found 78.8% of the Scottish public supported a deposit refund system to cover cans and both plastic and glass bottles, while 8.5% opposed it.

The Packaging Recycling Group Scotland (PRGS), however, has publically opposed the scheme, recommending alternative proposals to promote recycling.

Source: CIWM Journal

Coca-Cola Works to Scale Up Fully Plant-Derived Packaging

Coca-Cola Co. is working to bring a 100% plant-based PET bottle out of the lab and into commercial-scale production, according to the company.

The company recently unveiled a bottle made completely of plant-derived PET at the World Expo-Milan. But it wants to get the packaging into consumers' hands.

Since 2009, Coca-Cola has sold a PlantBottle in which 30% of the molecular weight of the container comes from plant-based sources. PlantBottle now makes up 30% of the company's packaging volume in North America and 7% globally.

The company says it has a goal to use PlantBottle packaging (leveraging up to 30% plant-based content) for all its PET needs by 2020.

Coca-Cola says the PET is just as recyclable as fossil fuel-derived PET. The PlantBottle is made from sugarcane and waste from the sugarcane manufacturing process.

The technology has been licensed to H.J. Heinz for use as ketchup containers and to Ford Motor Co. for use as fabric in the interior of certain test models of the Fusion Energi hybrid sedan. Coca-Cola has also worked with Ford, H.J. Heinz, NIKE and Procter & Gamble to form a strategic working group called Plant PET Technology Collaborative, which focuses on speeding up development and use of 100% plant-derived PET materials in their products.

Source: Resource Recycling

Rotterdam to Consider Recycled Plastic Roads

The Netherlands could become the first country to pave its streets with plastic bottles after Rotterdam city council said it was considering piloting a new type of road surface touted by its creators as a greener alternative to asphalt.

The construction firm VolkerWessels unveiled plans on Friday for a surface made entirely from recycled plastic, which it said required less maintenance than asphalt and could withstand greater extremes of temperature – between -40C and 80C. Roads could be laid in a matter of weeks rather than months and last about three times as long, it claimed.

The company said the environmental argument was also strong as asphalt is responsible for 1.6m tons of CO2 emissions a year globally – 2% of all road transport emissions. The plastic roads are lighter, reducing the load on the ground, and hollow, making it easier to install cables and utility pipelines below the surface.

The PlasticRoad project is still at the conceptual stage, but the company hopes to be able to put down the first fully recycled thoroughfare within three years. Rotterdam, a keen supporter of sustainable technology, has already signaled its interest.

Source: The Guardian

French Supermarkets Enter Voluntary Food Waste Agreement

Supermarkets in France have agreed to a voluntary commitment to preserve unsold food stocks and encourage its redistribution to community projects. Under the commitment, stores over 400 square metres will be obliged to enter donation agreements with food redistribution charities for unsold fresh produce, and the act of spoiling unsold food stock will be banned.

The measures had been written into the recent bill on Energy Transition, and were approved by both the National Assembly and Senate. However, prior to the law being passed, the articles relating to food waste were taken out by the Constitutional Council, who ruled that as they were late additions to the law, having been introduced in the second reading rather than the first, there had not been adequate time to consider them.

This prompted French Minister of Ecology and Sustainable Development Ségolène Royal to hurriedly arrange a meeting with large retailers to discuss a voluntary agreement to bypass the law-making process. She suggested at the time that had the voluntary commitment not been agreed, the measures would be pursued in future laws, and that retailers that were unwilling to engage would be named publically. At the meeting, representatives of all large French supermarket groups agreed to the commitment.

There are five conditions set out in the voluntary commitment convention for supermarkets:

Supermarkets must set up food waste prevention actions, seeking to prevent food waste ensure clean, unsold food is made available for human consumption through 'donation or transformation'.

Retailers will be unable to intentionally destroy unsold food supplies.

All stores over 400 square metres must establish donation agreements with authorized charities.

Retailers must abolish 'best-before' dates on non-perishable products like sugar and vinegar, often mistaken for 'use-by' dates, and take steps to ensure suppliers do not underestimate best-before dates.

Manufacturers can no longer prohibit supermarkets from donating private label products.

Critics argue that the agreement is just 'an empty shell' with no penalties or details, and that clear laws are still required.

Read the voluntary commitment signed by French supermarkets.

Source: resource.co

Classifieds

For Sale

- 6-10 used excellent quality **6030HD down stroke balers** by Capital Paper Recycling Ltd. Either for sale, rent, or placement if fiber supply is sufficient. Please contact sales at either the Calgary office at 403.543.3322 or the Edmonton office at 780.421.8047 for more information.
- Calibre Environmental Ltd. in Calgary is offering 5 of their **EcoCoat Recycled Paint** colours (light and dark brown, light and dark grey, and taupe) to municipalities and government agencies for \$5.00 per container plus any applicable shipping costs. The \$5.00 amount is simply to cover the cost of the pail - the paint inside is free! A wide range of other colours are also available - download the price list here. For more information, about EcoCoat Recycled Paint, visit www.recyclepaint.com or contact Calibre Environmental at 1.888.287.7728.

Notice of AGM

The Recycling Council of Alberta's
Annual General Meeting
will be held on

Wednesday, Sept. 30, 2015
at 5:00 pm at
The Fairmont Banff Springs
Hotel in Banff, AB.

All members are welcome to
attend and, among other items
of business, vote for your new
RCA board members.

Market Updates

	\$ Per Tonne	Trend
Glass		
Coloured	0	↔
Plate	0	↔
Paper		
Cardboard (baled)	50-80	↑
Cardboard (loose)	30-70	↑
Office Pak (loose)	70-75	↓
Mixed (loose)	10	↔
Magazines (loose)	5-25	↓
News (loose)	25-70	↑
Plastic		
HDPE (baled)	190	↓
Mixed #1-7	-60 to 0	↑
Clear PE Film (baled)	200	↑
Coloured PE Film (baled)	-100 to 0	↔
Metal		
Steel Food Cans (baled)	60	↔
White Goods	60	↔

Prices reflect surveyed averages (F.O.B. buyer) at the time of publishing and are subject to market fluctuations. Individual prices may vary according to material quality, volumes and contractual arrangements. Please contact your buyer to update prices at time of shipping.

RCA Call for Directors

Do you think more needs to be done to reduce waste? Would you like to influence recycling policy in Alberta? Do you get inspired working with other enthusiastic people on meaningful resource conservation-related projects? Then the Recycling Council of Alberta needs you!



If you want to be part of Alberta's strongest waste reduction voice, the RCA is looking for individuals like you who bring strong skills and a history in the recycling industry, and are interested in joining our Board of Directors. Download a description of what's involved in being a RCA director at <http://bit.ly/directorduties>.

Directors of the Board for the 2015/2016 term will be elected at the RCA's Annual General Meeting at 5:00 pm on September 30, 2015 at The Fairmont Banff Springs Hotel.

Interested individuals should contact Sharon Howland (President) at sharon.howland@cochrane.ca, or the RCA office at 403.843.6563 or info@recycle.ab.ca.

Coming Events

25th Annual National Organics Recycling & Compost Conference, hosted by the Compost Council of Canada, September 16-18, 2015, Gatineau, QC, contact: 1.877.571.4769, www.compost.org

Emerging Green 2015: Electronics in a Circular Economy, conference organized by the Green Electronics Council, September 22-24, 2015, Portland, OR, www.emerginggreenconference.com

ICI Waste Diversion Systems, 2.5 day training course offered by the Edmonton Waste Management Centre of Excellence, September 23-25, 2015, Edmonton, AB, www.ewmce.com

Resource Recycling Conference 2015, September 28-30, 2015, Indianapolis, IN, rrconference.com

Tour of Edmonton Waste Management Centre, hosted by the Canadian Plastics Industry Association (CPIA). The full-day agenda will include guided tours of the Integrated Process and Transfer Facility (IPTF), the Advanced Energy Research Facility (AERF), and the Waste-to-Biofuels Production Facility. Expert speakers from industry and government. September 29, 2015, Edmonton, AB, register at: www.plastics.ca

"Under the Big Top", 2015 Recycling Council of Alberta Waste Reduction Conference, held jointly with the **Conference on Canadian Stewardship**, Sept. 30 - Oct. 2, 2015, Banff, AB, contact: 403.843.6563, info@recycle.ab.ca, <https://conference.recycle.ab.ca>

"Top 10 List For A Successful And Cost Effective Integrated Waste Management Plan", free municipal solid waste webinar series hosted by Advanced Enviro Engineering Ltd., October 8, 2015, 11:00 AM Mountain Time, register here

RemTech 2015, hosted by the Environmental Services Association of Alberta (ESAA), October 14-16, 2015, Banff, AB, contact: 780.429.6363 x 223, www.esaa-events.com

"How To Get Off Landfill And Divert Over 80% of Your Construction & Demolition Waste", free municipal solid waste webinar series hosted by Advanced Enviro Engineering Ltd., October 15, 2015, 11:00 AM Mountain Time, register here

Earth Matters Conference 2015, hosted by the Alberta Council for Environmental Education (ACEE) and partners, October 15-17, 2015, Canmore, AB, contact: conference@abcee.org

Waste Reduction Week in Canada, October 19-25, 2015, www.wrwcanada.com

REFOR15, BioCycle's 15th Annual Conference on Renewable Energy From Organics Recycling, October 19-22, 2015, Boston, MA, BioCycleREFOR.com

"Redesigning Waste Solutions" 2015 Coast Waste Management Association (CWMA) Annual Conference, October 21-23, 2015, Victoria, BC, www.cwma.bc.ca

"Waste Carts – What Works and Why", free municipal solid waste webinar series hosted by Advanced Enviro Engineering Ltd., October 22, 2015, 11:00 AM Mountain Time, register here

"Waste Sort – An Alternative Feedback From Residents", free municipal solid waste webinar series hosted by Advanced Enviro Engineering Ltd., October 29, 2015, 11:00 AM Mountain Time, register here

"Designing and Implementing Effective Community-Based Social Marketing Campaigns", workshop hosted by the Saskatchewan Waste Reduction Council, October 29, 2015, Saskatoon, SK, www.saskwastereduction.ca

Canadian Waste & Recycling Expo, co-located with the **6th Annual Canadian Waste to Resource Conference**, November 4-5, 2015, Montreal, QC, www.cwre.ca

"Environmental Site Assessment - What's New", free municipal solid waste webinar series hosted by Advanced Enviro Engineering Ltd., November 5, 2015, 11:00 AM Mountain Time, register here

"Fostering Sustainable Behaviour" Introductory Community-Based Social Marketing Workshop with Dr. Doug McKenzie-Mohr, November 9-10, 2015, Victoria, BC, register here
November 11-12, 2015, Vancouver, BC, register here

"Change the Climate", first annual Environmental Gathering hosted by Alberta Ecotrust, November 12-14, 2015, Calgary, AB, contact: 403.209.2245, www.albertaecotrust.com

GLOBE 2016 conference and trade show, March 2-4, 2016, Vancouver, BC, 2016.globeseries.com

ISRI 2016 Convention & Exposition, hosted by the Institute of Scrap Recycling Industries, April 3-7, 2016, Las Vegas, NV, contact: 202.662.8500, www.ISRIConvention.org

SWRC's Waste ReForum 2016, Saskatchewan Waste Reduction Council Conference, April 20-22, 2016, Regina, SK, contact: 306.931.3242, www.saskwastereduction.ca

2016 Recycling Council of Alberta Waste Reduction Conference, September 28-30, 2016, Jasper, AB, contact: 403.843.6563, info@recycle.ab.ca

2017 Recycling Council of Alberta Waste Reduction Conference, October 10-12, 2017, Lake Louise, AB, contact: 403.843.6563, info@recycle.ab.ca

Visit www.recycle.ab.ca/events for more events listings.