



What is
Recycling?

The goal of recycling is to recreate a raw material

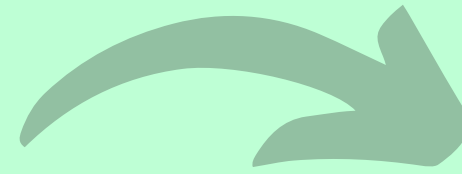


If it's not **SORTABLE AND SELLABLE** it's not **RECYCLABLE**

Notice there's no glass?



Glass is often used as a cover in landfills (cullet or intact) to stop loose garbage from flying away.




It is still recyclable, but only a small percentage actually gets recycled into a new material.

Montreal

Glass meant to be recycled in 8 Montreal boroughs going to landfill

Most glass recycled in Quebec is ground into powder instead of re-blown

Verity Stevenson · CBC · Posted: Jul 09, 2023 4:00 AM EDT | Last Updated: July 14



Single stream recycling is not “bad”



Single stream means your local municipality has a MRF that sorts the materials using humans and technology

Material Recycling Facility (MRF) “murf”

The single greatest challenge??

HUMAN ERROR

Canadians throw away over 3 million tonnes of plastic waste every year. Only 9% is recycled while the rest ends up in our landfills, waste-to-energy facilities or the environment



NOT RECYCLABLE



RIC SYMBOLS















RESIN IDENTIFICATION CODES

Does NOT necessarily mean it's recyclable.

It is meant to identify the TYPE OF RESIN to assist with proper recycling.

#1, 2, and 5 (in rigid form) are most commonly accepted in curbside recycling

Plastic Resin Identification Codes

 PETE	 HDPE	 PVC	 LDPE	 PP	 PS	 OTHER
Polyethylene Terephthalate	High-Density Polyethylene	Polyvinyl Chloride	Low-Density Polyethylene	Polypropylene	Polystyrene	Other
Common products: soda & water bottles; cups, jars, trays, clamshells	Common products: milk jugs, detergent & shampoo bottles, flower pots, grocery bags	Common products: cleaning supply jugs, pool liners, twine, sheeting, automotive product bottles, sheeting	Common products: bread bags, paper towels & tissue overwrap, squeeze bottles, trash bags, six-pack rings	Common products: yogurt tubs, cups, juice bottles, straws, hangers, sand & shipping bags	Common products: to-go containers & flatware, hot cups, razors, CD cases, shipping cushion, cartons, trays	Common types & products: polycarbonate, nylon, ABS, acrylic, PLA; bottles, safety glasses, CDs, headlight lenses
Recycled products: clothing, carpet, clamshells, soda & water bottles	Recycled products: detergent bottles, flower pots, crates, pipe, decking	Recycled products: pipe, wall siding, binders, carpet backing, flooring	Recycled products: trash bags, plastic lumber, furniture, shipping envelopes, compost bins	Recycled products: paint cans, speed bumps, auto parts, food containers, hangers, plant pots, razor handles	Recycled products: picture frames, crown molding, rulers, flower pots, hangers, toys, tape dispensers	Recycled products: electronic housings, auto parts,
						

CURBSIDE RECYCLING

vs.

SPECIALIZED RECYCLING

Some materials are recyclable through specific drop off depots or specialized recyclers.

To say something is “recyclable” it MUST BE accepted curbside. Unless defining how to recycle.



RULE OF THUMB

If it's not a...

Bottle

Can

Container

Paper

Cardboard



...it's probably NOT RECYCLABLE



Three Basic Rules

Knowing these rules and putting them into practice will help you recycle more efficiently. And it will help to ensure everything that makes it into your bin finds a second life.



RULE 1

**Recycle bottles,
cans, paper and
cardboard**



RULE 2

**Keep food and
liquid out of your
recycling**

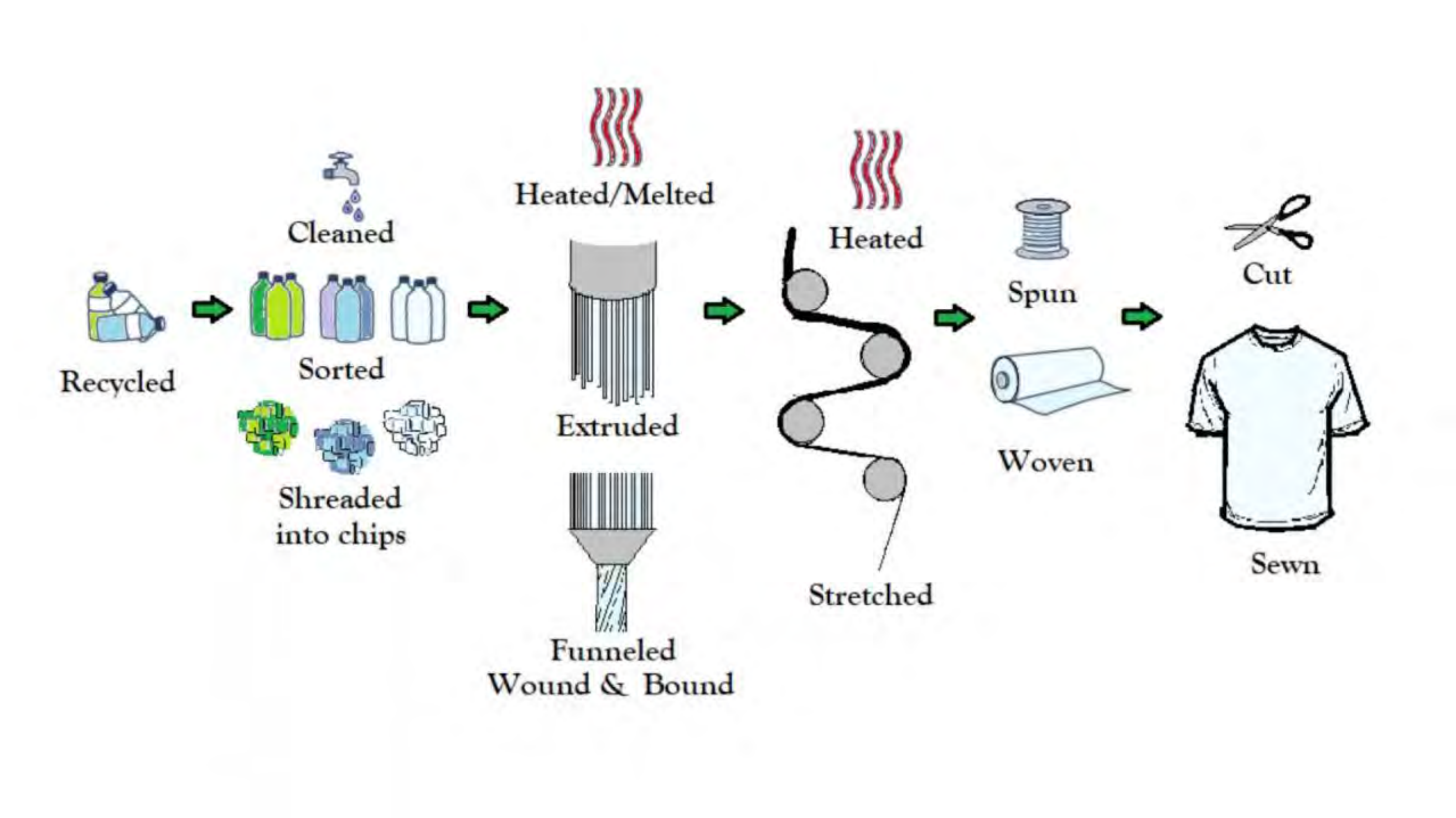


RULE 3

**No loose plastic
bags and no
bagged recyclables**

Recycled Content Textiles

HOW DOES A BOTTLE BECOME A TEXTILE:



Important Recycling Practices

THAT ARE OFTEN OVERLOOKED

Must be sortable!

For example: Tumblers with stainless steel outer and polypropylene inner are not recyclable. As separate materials, yes. But together they are not sortable!



Black plastic is never recyclable!

Plastic is sorted by colour using technology. Black cannot be detected by the machinery, therefore, it is not sortable (not recyclable)

Be Aware. Be Wary.

Unfortunately there is a lot of misinformation out there about recycling. When you understand the fundamentals of recycling, you can't be duped!



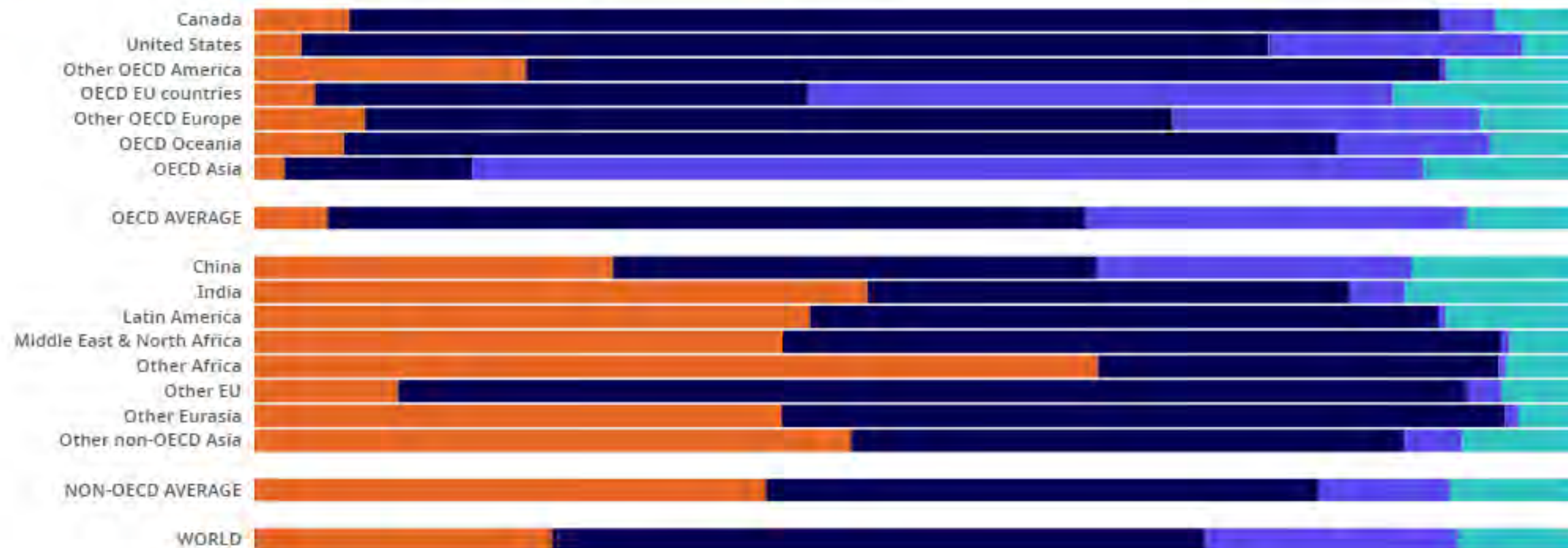
Plastic Recycling



Globally, only 9% of plastic waste is recycled while 22% is mismanaged

Share of plastics treated by waste management category, after disposal of recycling residues and collected litter, 2019

Mismanaged & uncollected litter Landfilled Incinerated Recycled



RESOURCES

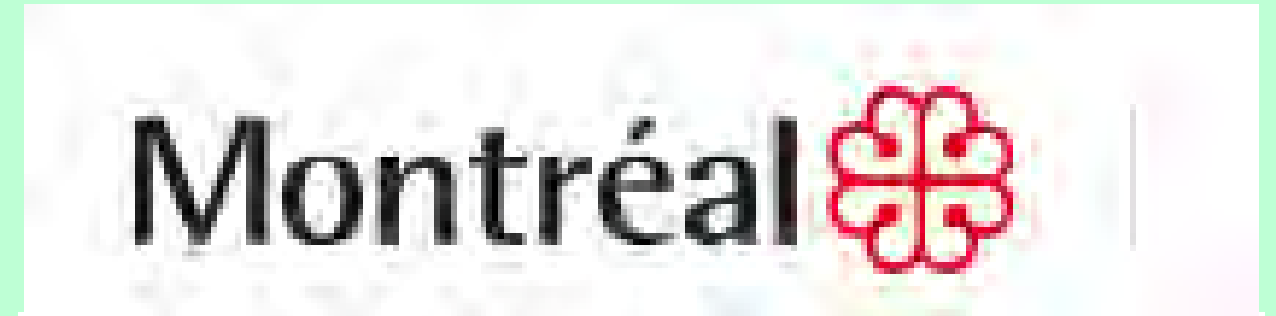


< Garbage, recycling and compost

What goes where

Residential recycling and disposal search tool

<https://www.calgary.ca/waste/what-goes-where/default.html>



You can recycle:

- Paper, cardboard, metal or glass containers that are clean and empty
- Paper, cardboard or plastic wrappers that are not soiled
- Paper printed materials
- Newspapers

<https://montreal.ca/en/how-to/get-details-about-recycling-collections>

The logo for the City of Toronto's Waste Wizard, featuring the word "TORONTO" in white on a blue background, and "WASTE WIZARD" in blue and green with icons of recycling bins below it.

Search the Waste Wizard

<https://www.toronto.ca/services-payments/recycling-organics-garbage/waste-wizard/>

The logo for York Region's BINDICATOR, featuring the "York Region" logo in white on a blue background, and "BINDICATOR" in large black letters below it.

HOME > ENVIRONMENT > GARBAGE AND RECYCLING

<https://www.york.ca/environment/garbage-and-recycling/bindicator>

RESOURCES

BC HAS THE BEST RESOURCES



BRITISH COLUMBIA



<https://recyclebc.ca/what-can-i-recycle-2/>

Recycle BC is a not-for-profit organization responsible for residential packaging and paper product recycling throughout British Columbia, servicing over two million households or over 99% of BC through curbside, multi-family and/or depot services.

When we Bin together, we win together.

Meet Coach Rick Cycle. He's here to support you to take your recycling game to the next level. Now let's show them what we can do, BC.

Accepted Materials



Find a Depot



RESOURCES

<https://how2recycle.info/>

A Cleaner World Starts With Us

How2Recycle is a standardized labeling system that clearly communicates recycling instructions to the public. It involves a coalition of forward thinking brands who want their packaging to be recycled and are empowering consumers through smart packaging labels.

Milk MAKEUP **Wakefern** FOOD CORP. **MORTON** **OTTER PRODUCTS**

Kraft Heinz **SMUCKER'S** *Walgreens*

Empty & Replace Cap

PLASTIC BOTTLE

how2recycle.info

Take a virtual tour of a MRF. They're actually really interesting!



<https://www.peelregion.ca/environmental-education/waste/tours.asp>

We must
RECYCLE
RIGHT
to reduce
landfill!

