



# WELCOME

IZWTAG Conference  
April 26<sup>th</sup>, 2023



BC First Nations Recycling Initiative

# SPECIAL PROJECTS

## First Nations Recycling Initiative



April 26<sup>th</sup>  
Presented by  
Brendan McShane  
Director , Collection

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# FIRST NATIONS RECYCLING INITIATIVE

IZWTAG DAYS

APRIL 26<sup>TH</sup> 2023



Health Products  
Stewardship  
Association



RECYCLEBC



# Land Acknowledgement

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- *I am a grateful guest living, visiting, working and moving freely on the \*unceded, ancestral, and traditional territories of the Coast Salish (Musqueam, Squamish, Tsleil-Waututh, Tsawwassen) peoples whose historical relationships with the land continue to this day.*

*We express our sincere gratitude to be welcomed on these lands.*

*\*Unceded means this land was never surrendered, relinquished, or handed over in any way.*



## BC First Nations Recycling Initiative

Logo Created by *Sinàmkin* - Jodi Broomfield,  
Coast Salish Artist from Squamish Nation

*The design relates to our connection to the land.  
The 3 spirit Animals: Eagle of the air, Bear from the  
land and the Whale of the water and streams. This  
design reminds us of our connection to the  
traditional territories and we need to do our part*

*for Mother Earth and recycle what we use ~  
Sinàmkin*

# AGENDA

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- Who We Are
- Our Goals & Objectives
- Our Work So Far
- Resources
- Questions & Discussion



# WHO WE ARE

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- Founded in 2017
- Partnership between nine extended producer responsibility (EPR) programs to support recycling in First Nation communities to enhance access to EPR programs in BC
- Intended to support First Nations and collaborate on the end of life of these materials:
  - Recycling of tires, small and large appliances, paper and packaging, electronics, beverage containers, small batteries, electric outdoor power equipment, and encourage the proper disposal of health products
- Available to assist with education, resources, as well as cover the costs associated with transporting material for recycling as part of organized First Nations community collection events



# WHO WE ARE

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- Logo Created by *Sinàmkin* - Jodi Broomfield, Coast Salish Artist from Squamish Nation
- *The design relates to our connection to the land. The 3 spirit Animals: Eagle of the air, Bear from the land and the Whale of the water and streams. This design reminds us of our connection to the traditional territories and we need to do our part for Mother Earth and recycle what we use ~ Sinàmkin*



BC First Nations Recycling Initiative



# ACCEPTED MATERIALS FOR RECYCLING

 <p>Leading the charge for recycling.™</p> <p>Rechargeable, single-use batteries</p>	 <p>Small appliances, power tools, exercise equipment</p>	 <p>Computers and electronics</p>	 <p>HEALTH PRODUCTS STEWARDSHIP ASSOCIATION</p> <p>Prescription drugs; Non-prescription drugs; Natural health products</p>	 <p>Large appliances: fridges, stoves, washers, dryers and more</p>
<p>Outdoor Power Equipment Institute Canada</p> <p>Corded or battery-powered outdoor equipment (<u>fuel-powered not included</u>)</p>	 <p>Residential packaging and paper</p>	 <p>Ready-to-drink beverage containers</p>	 <p>Tires from cars, trucks, bicycles, etc.</p>	



# STRATEGIC OBJECTIVES

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- Support the collection and recycling of a wide variety of materials across First Nations communities within BC
- Promote the FNRI across BC, both at events and through direct visits to First Nations communities upon invitation
- Partner with First Nation communities to collect stewardship materials through a collection event
- Encourage other stewardship programs to participate in the FNRI to enable diversion of recyclable materials for First Nation communities through one point of contact



# OUR WORK SO FAR

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- Collaborations
  - Regional Districts
  - Other organizations with shared goals:
    - Indigenous Zero Waste Technical Advisory Group (IZWTAG)
    - Indigenous Services Canada (ISC)
    - First Nation Health Authority (FNHA)
- Collection Events
- Community Outreach
  - In-person visits, community engagement, online survey
- Event Outreach (*impacted by COVID-19*)
  - E.g. Housing conferences, regional events



# What We Are Trying To Avoid

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# COLLECTION EVENTS - 2022

Communities we have partnered with:

- Nak'azdli Whu'ten
- Penticton Indian Band
- Soowahlie First Nation
- Okanagan Indian Band
- Lake Babine Nation
- Westbank First Nation
- Leq'a:mel First Nation
- Takla Nation
- Heiltsuk First Nation
- Kitasoo First Nation



# COLLECTION EVENTS – Small Batteries – Call2Recycle

- Most small batteries are accepted for Recycling these include – AAA – AA – C – D – Most power tool batteries and batteries under 5 kg
- For a full list of accepted materials see the Call2Recycle web site

<https://www.call2recycle.ca/what-can-i-recycle/>



- To reduce the risk of sparks. Use non-conductive tape to cover the positive terminal of **lithium, small sealed lead acid (SSLA), button cell and alkaline batteries over 12V**. Alternatively, place them in individual plastic bags.
- Keep your batteries in a cool, dry location, away from the sun.
- These materials are collected in supplied boxes ( see right ) and can be left in your community till full, then couriered in.



# COLLECTION EVENTS – Small Appliances – CESA

- Most small appliances are accepted for Recycling these include – blenders – toasters – coffee makers – treadmills – vacuum cleaners – microwave ovens – irons –
- For a full list of accepted materials see the CESA Web site

<https://www.electrorecycle.ca/accepted-products/>

- These materials are collected in super sacks please only fill to the  $\frac{3}{4}$  full level so they can be stacked



# COLLECTION EVENTS – Electronics – EPRA

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- Most electronics items are accepted for Recycling these include – display devices – non cellular phones – home audio systems – computers – musical instruments – All TV's – small and large battery powered toys –
- For a full list of accepted materials see the EPRA Web site <https://recyclemyelectronics.ca/bc/what-can-i-recycle/>
- These materials are collected in super sacks ( see right ) please only fill to the  $\frac{3}{4}$  full level so they can be stacked
- Large TV's may be put on a pallet on their own



# COLLECTION EVENTS – Outdoor Items – OPEIC

- Most outdoor corded and cordless power tools are accepted for Recycling these include – Blowers/Vacuums – Chain Saws –Edgers and Trimmers – snowblowers and lawnmowers
- For a full list of accepted materials see the OPEIC Web site
- <https://www.opec.ca/recycle-outdoor-power-equipment/>
- These materials are collected in super sacks ( see right ) please only fill to the  $\frac{3}{4}$  full level so they can be stacked
- For Items with batteries please either leave the battery in the device or tape up the contact points of the batteries.



# COLLECTION EVENTS – Tires - TSBC

- Tires that are accepted are from automobiles, light trucks, atv's and motorcycles.
- All tires must be off the rim or a fee will be assessed by the tire stewardship.
- Tires can be cut or sawed off the rim.
- Tire are usually collected in large roll on roll off bins .
- FACT – 95% of all tires sold are recovered by recycling and less than 1% end up in the land fill... So what happens to the tires collected ?



# COLLECTION EVENTS – Tires – TSBC – Con't

The examples below demonstrate just how versatile recycled rubber can be:

- **Playground safety surfacing** – many communities are moving from the traditional pea gravel and wood chips to recycled rubber surfaces, choosing either pour-in-place or tile applications.
- **Recreational flooring** – examples of this type of flooring can be found in ice skating arenas, fitness rooms and high traffic areas. Home gym mats have also become a popular choice and you can buy them direct from the manufacturer, North West Rubber based in Abbotsford.
- **Truck bed liners** – another product made by North West Rubber is truck bed liners. Their “Black Armour” line of products can also be bought direct.
- **Animal mats** – for comfort from the ground up, these mats are used in cow and horse barns and trailers.
- **Coloured landscaping mulch** – this is a new product being made in BC that is becoming popular across North America as a replacement for wood mulch and chips.

Every year, the equivalent of over 5 million scrap car tires are recycled into new products.



# COLLECTION EVENTS – Large Appliances - MARR

- All types of large appliances can be Recycled – stoves, dishwashers, washing machines ,dryers, refrigerators, deep freezers, air conditioners.
- For a full list of accepted materials see MARR’s Website

<https://www.largeappliance recycling.ca/products>

- All cooling appliances contain refrigerating gasses. Don’t try to drain them yourself, our certified technicians will drain them, and we make sure that the gasses are processed safely. Remember there is no cost for drop off and that includes proper disposal of your fridge.
- Please clean out all food from your fridge. Once it’s empty it’s ready for recycling.



# COLLECTION EVENTS – Health Products

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- HPSA is a bridge between health care and the environment by offering programs for the safe disposal and return of medications and sharps used in Canadian homes.
- We gather information on the process that a community has in place for the collection and return of the above
- We advise on the closest places to return medications if a community does not have a health center
- We gather key contact information to pass along to the Health Stewardship for further engagement

## Our Impact

- Since its inception, HPSA's initiatives have reduced the negative impact of unwanted medications and used medical sharps on the environment and the communities.
- 4,221,608  
kgs of medications collected since the inception
- 2,671,177  
kgs of medical sharps collected since the inception



# COLLECTION EVENTS – Recycle BC

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- Recycle BC is the lead organization for the FNRI partnership
- We **do not** collect PPP products normally at First Nations community clean ups.
- We gather information on First Nations communities that are interested in either starting a PPP Recycling initiative or are interested in joining Recycle BC under our programs.
- For more information see the Recycle BC Session after this session at IZWTAG



**THERE'S  
A PARTY IN  
YOUR BIN**  
AND CARTONS ARE INVITED!



# COLLECTION EVENTS – Return-It

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- We **do not** collect refundable products normally at First Nations community clean ups.
- We gather information on First Nations communities that are interested in either starting a refundable recycling initiative or are interested in more information on the Return-It programs.
- **For more information see the list of items that are eligible for returnable refunds**
- <https://www.return-it.ca/beverage/products/>



# FIRST NATIONS RECYCLING RESOURCE GUIDE

The resource guide includes:

- Who to contact for more resources and information
- What materials to consider including in your recycling program
- What is involved with collecting, storing and transporting each type of recyclable material
- The stewardship organizations that deal with each type of material and how they can support community collection and recycling
- Information on how your community may wish to register with a particular EPR program as a collector



# PROGRAM OVERVIEW BROCHURE



## About the Initiative

The First Nations Recycling Initiative supports recycling in First Nations communities throughout British Columbia. We collaborate directly with First Nations communities across BC to provide information about BC's existing stewardship programs and local collection events in support of community recycling programs.

We work together on projects to recycle these materials: tires, appliances, paper and packaging, electronics, beverage containers, batteries, power equipment, and health products.

## Contact Us

Feel free to contact us by email at [info@fnri.ca](mailto:info@fnri.ca).

Visit our website to find out more information on each of our partners, read our annual reports, and access our other resources:

[RecycleBC.ca/First-Nations-Recycling-Initiative](http://RecycleBC.ca/First-Nations-Recycling-Initiative).



## BC First Nations Recycling Initiative



BC First Nations Recycling Initiative

## Benefits of Recycling

In addition to being an important environmental protection mechanism, recycling programs may be beneficial for your community for the following reasons:

- Employment and training opportunities
- Protecting your drinking water
- Protecting your community's children from toxic and hazardous materials
- Youth and community engagement
- Economic development opportunities
- Conserving energy and landfill capacity for materials that cannot be recycled, and conserving resources



## Programs Overview

	Program	Materials
	Call2Recycle	Rechargeable, non-rechargeable batteries
	ElectroRecycle	Small appliances, power tools, exercise equipment
	Electronic Products Recycling Association	Electronics and computers
	Return-It	Ready-to-drink beverage containers
	Health Products Stewardship Association	Prescription drugs; Non-prescription drugs; Natural Health products
	Major Appliances Recycling Roundtable	Large appliances: fridges, stoves, washers, dryers and more
	Outdoor Power Equipment Institute of Canada	Corded or battery powered outdoor equipment
	Recycle BC	Packaging and paper
	Tire Stewardship BC	Car tires, medium truck tires, agricultural tires, logger skidder tires, bicycle tires and tubes

## Recycling in BC

The Government of British Columbia developed an extended producer responsibility (EPR) approach to recycling management that requires those who supply designated materials to BC consumers properly manage and recycle these designated products and their packaging at the end of their useful life.

Information on all stewardship organizations operating in British Columbia can be found by visiting the Stewardship Agencies of BC (SABC) website at [BCRecycles.ca](http://BCRecycles.ca).

## Ways to Participate

If you would like the First Nations Recycling Initiative (FNRI) to:

- support an upcoming community clean-up initiative with resources and transportation of collected items for recycling;
- engage with your community and present information on recycling programs in BC;
- support your community's strategy for joining an FNRI program as a collector,

please contact us at [info@fnri.ca](mailto:info@fnri.ca). We would love to support your recycling efforts any way we can!



# ANNUAL SUMMARY REPORT



**BC FIRST NATIONS  
RECYCLING INITIATIVE**  
**2018 IN REVIEW**



**BC First Nations  
Recycling Initiative**  
**2019 IN REVIEW**



**BC First Nations Recycling Initiative**  
**2020 IN REVIEW**



Photos: We'Wai First Nation | Seabird Island Band | Tsalhe Nation



**BC First Nations Recycling Initiative**  
**2021 IN REVIEW**



# WEBSITE – More Information

## FIRST NATIONS RECYCLING INITIATIVE

HOME • FIRST NATIONS RECYCLING INITIATIVE

The **First Nations Recycling Initiative** supports recycling in First Nations communities throughout British Columbia. We collaborate directly with First Nations communities across BC to provide information about BC's existing stewardship programs and local collection events in support of community recycling programs. We work together on projects to recycle these materials: tires, appliances, paper and packaging, electronics, beverage containers, batteries, power equipment, and health products.



### About Us

In British Columbia, recycling programs are managed by a number of stewardship agencies who offer cost-neutral solutions for recycling. Nine of these agencies have come together to create a project specifically relevant to Indigenous communities who are interested in starting recycling programs.

### Contact Us

Email: [info@FNRI.ca](mailto:info@FNRI.ca)

### Annual Summary Reports

2021

2020

2019

2018

### Resources

Program Overview

Resource Guide

Collection Event Guide

## Partners



Visit us here: [RecycleBC.ca/First-Nations-Recycling-Initiative](https://RecycleBC.ca/First-Nations-Recycling-Initiative)



# INDIVIDUAL PROGRAM REGISTRATION

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**Call2Recycle:** If your Nation is interested in becoming a member of the Call2Recycle collection program, the first step is to complete the on-line registration. Visit the website to submit your application:

<https://www.call2recycle.ca/become-a-collection-partner/>

**ElectroRecycle:** Contact [info@cesarecycling.ca](mailto:info@cesarecycling.ca) or 1-877-670-CESA (2372); [www.electrorecycle.ca](http://www.electrorecycle.ca)

**EPRA:** Contact [craig.Wisehart@epra.ca](mailto:craig.Wisehart@epra.ca) or 1-604-291-1002; [www.recyclemyelectronics.ca/bc](http://www.recyclemyelectronics.ca/bc)

**HPSA:** Contact [info@healthsteward.ca](mailto:info@healthsteward.ca); [www.healthsteward.ca](http://www.healthsteward.ca)

**MARR:** Contact [info@marrbc.ca](mailto:info@marrbc.ca) to discuss how to recycle major appliances in your community

**OPEIC:** Contact [info@opeic.ca](mailto:info@opeic.ca) for more information about the program and to explore solutions for unwanted electric outdoor power equipment in your community



# INDIVIDUAL PROGRAM REGISTRATION

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**Recycle BC:** Contact [info@recyclebc.ca](mailto:info@recyclebc.ca) or 1-855-875-3596; [www.recyclebc.ca](http://www.recyclebc.ca)

**Return-It:** Contact Steve Rutherford [srutherford@returnit.ca](mailto:srutherford@returnit.ca) or 604-473-2405; [www.returnit.ca](http://www.returnit.ca)

**TSBC:** For sites that generate scrap tires and wish to work with TSBC on scrap tire pick up, please visit our website for [pick up information](#). Or if you need to register, please [download](#) a registration form



# Q & A



# THANK YOU

Please feel free to contact us  
anytime:

[info@fnri.ca](mailto:info@fnri.ca)

604-230-7655 – Tim Ames Special  
Project Manager

See us at our exhibitors table during  
the conference

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