

Contenedor de reciclaje

# Iniciativas Circulares

METRO VANCOUVER

Adriana Velázquez, P.Eng

Senior Project Engineer

Conferencia Iberoamericana de Economía Circular– 16 de Septiembre, 2022

**metrovancover**

# ADRIANA VELÁZQUEZ

Metro Vancouver



**23** MEMBER JURISDICTIONS



POPULATION: **2.7** MILLION

**53%** OF THE POPULATION  
OF BC

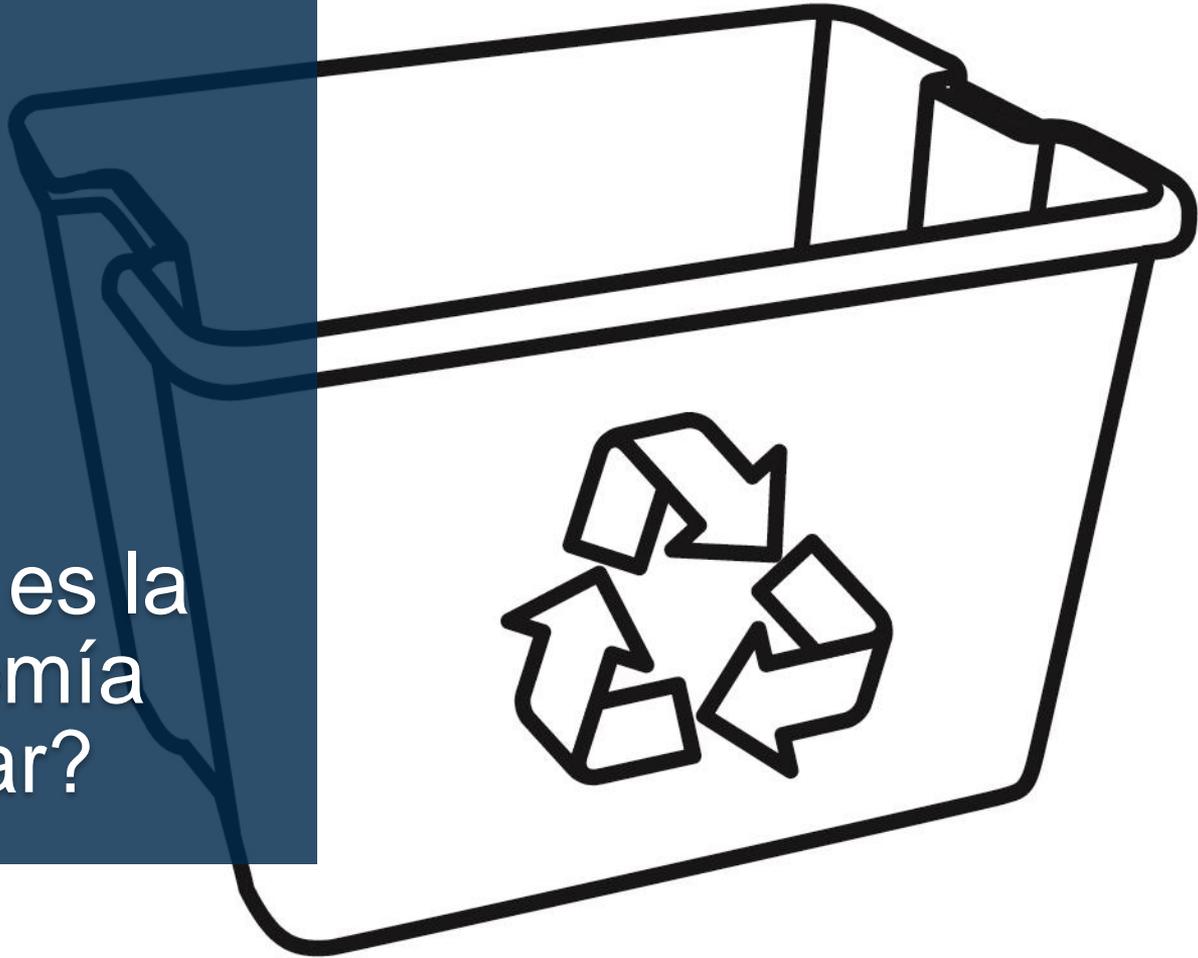


**61%** OF BC GDP

**1.29** MILLION JOBS



¿Qué es la  
economía  
circular?

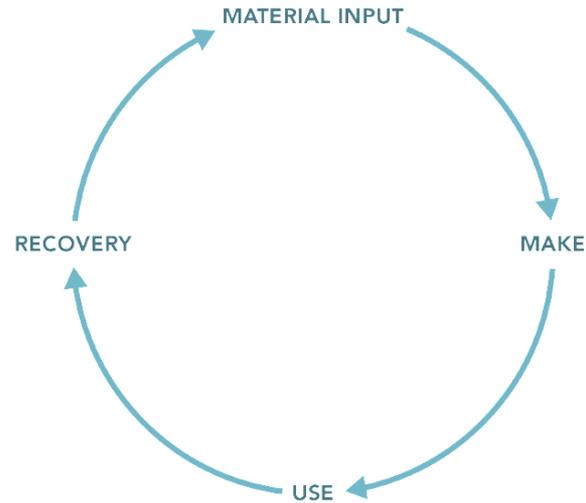


# ¿QUÉ ES LA ECONOMÍA CIRCULAR?

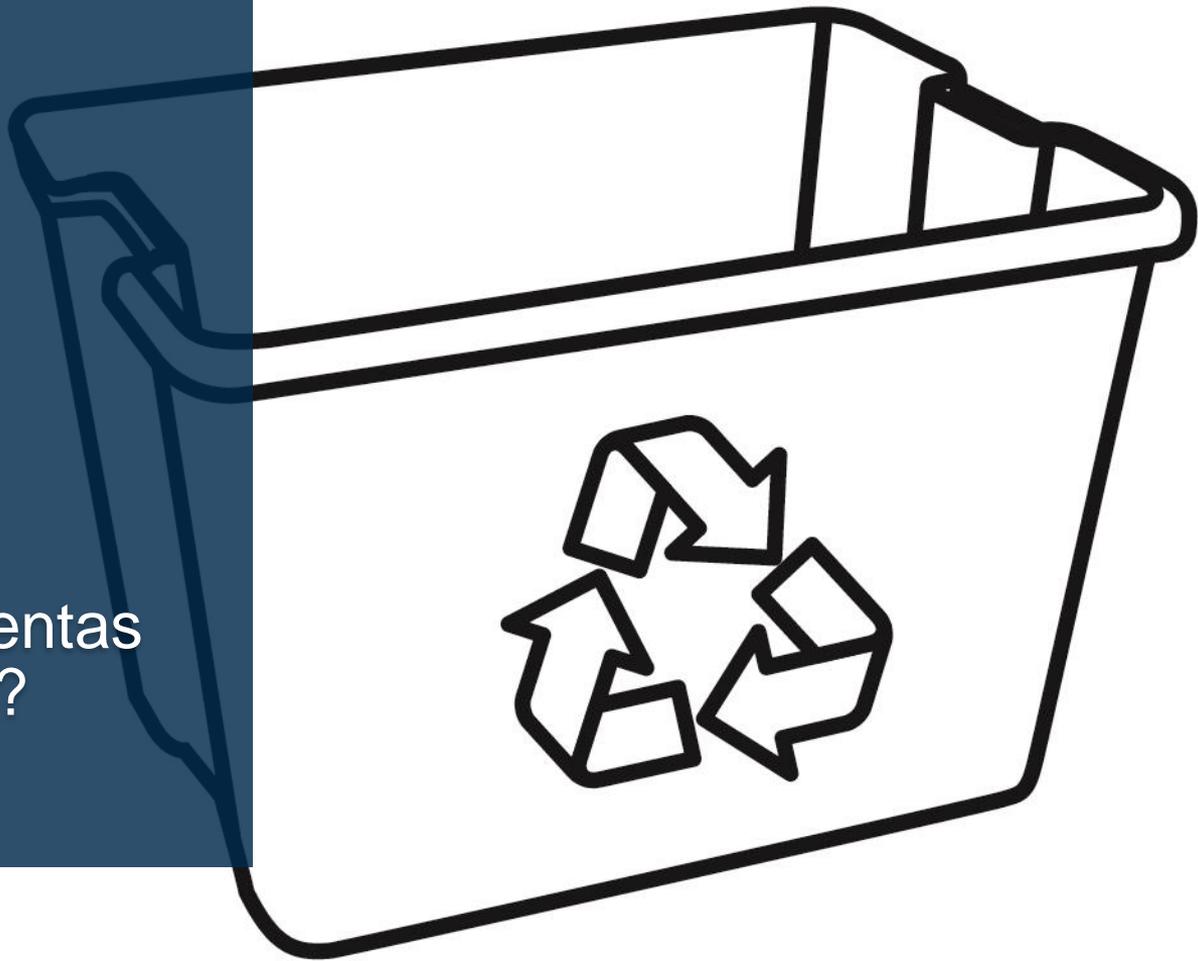
Economía Linear



Economía Circular



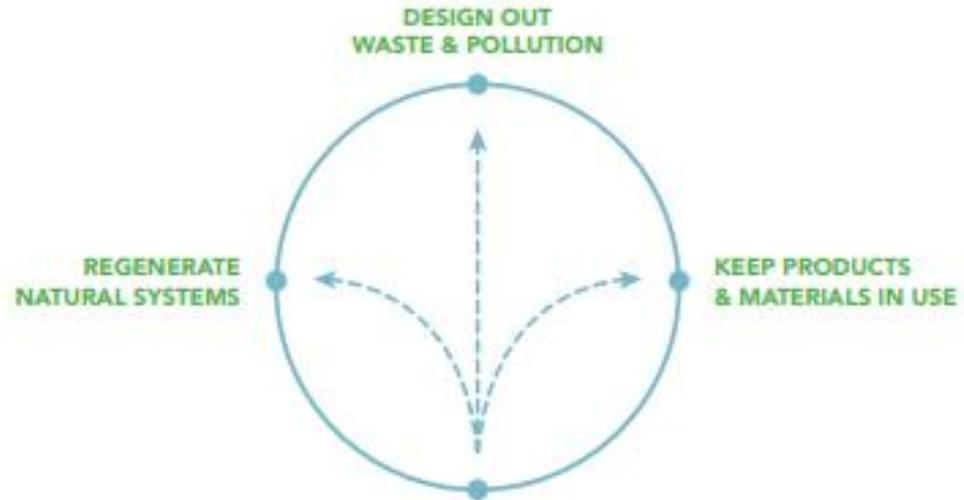
¿Qué  
herramientas  
usamos?



# ECONOMÍA CIRCULAR

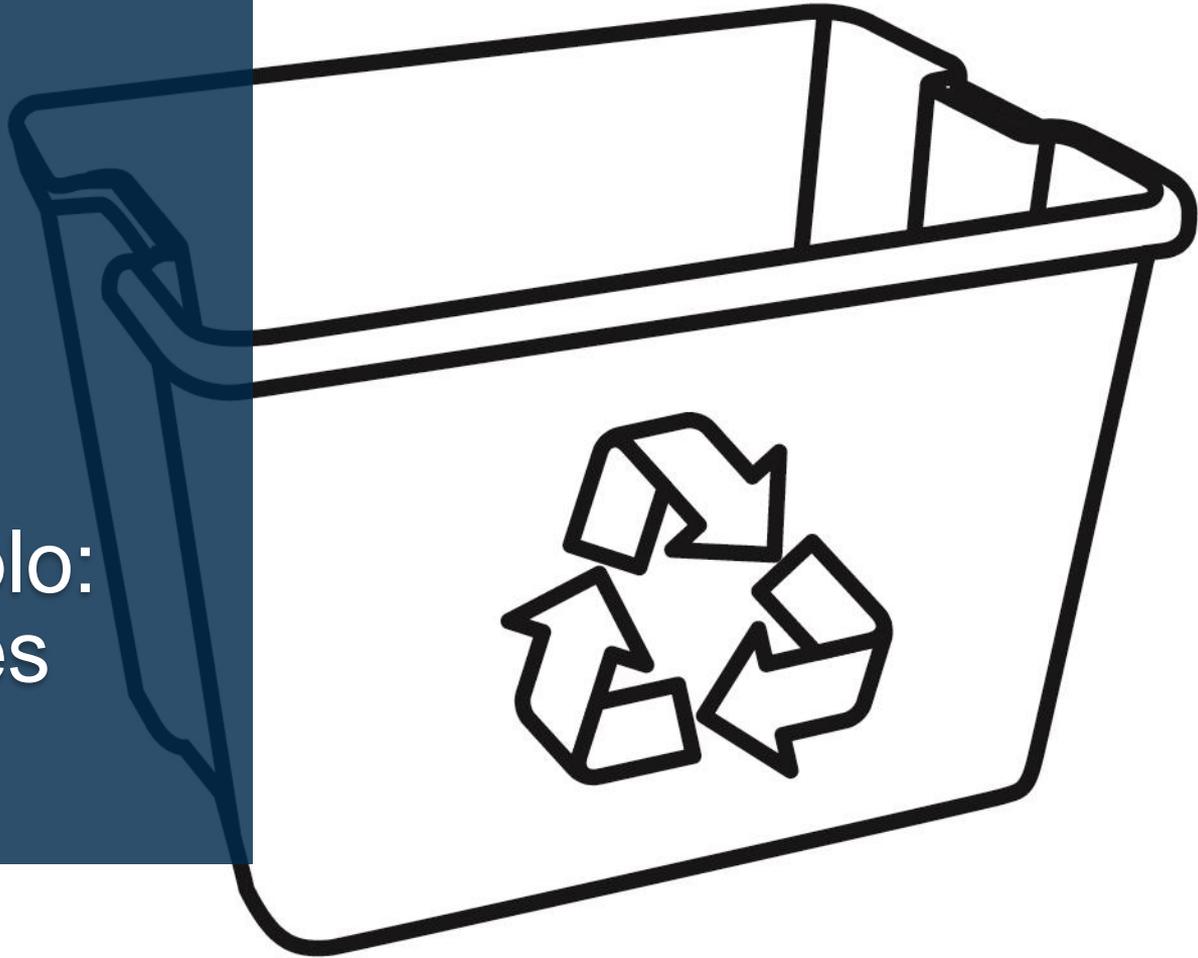
Ejemplos de herramientas para la transición a una economía circular

- Colaboración
- Investigación
- Políticas
- Programas
- Infraestructura
- Educación pública



THE 3 PRINCIPLES OF THE CIRCULAR ECONOMY

Ejemplo:  
Textiles

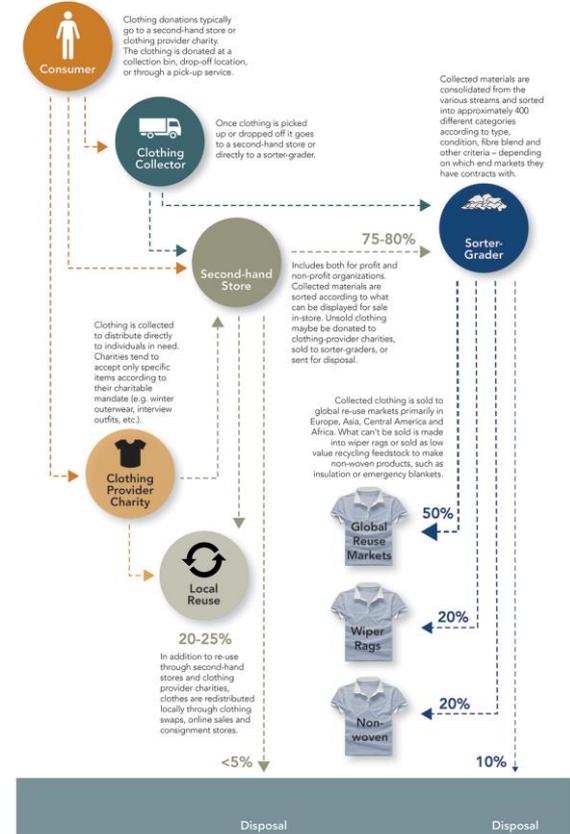


# CAMPAÑA DE TEXTILES

## Investigación

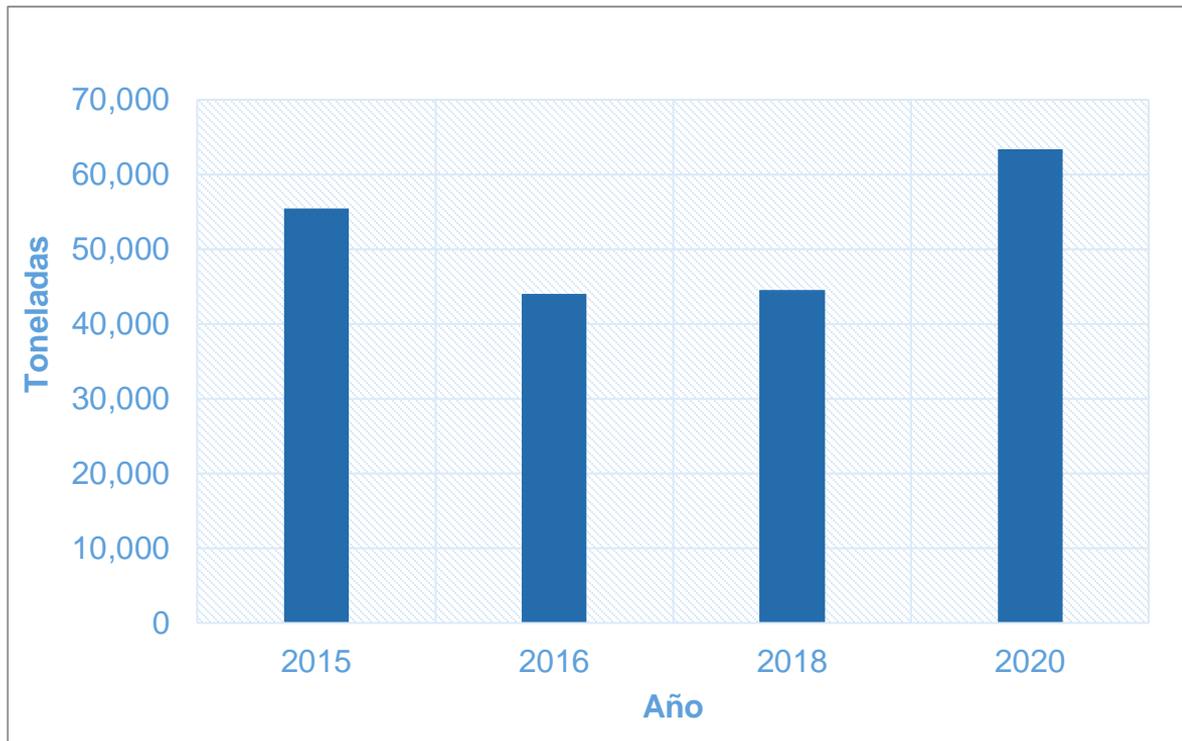


## THE LIFE CYCLE OF UNWANTED CLOTHING WHAT HAPPENS TO YOUR UNWANTED CLOTHING?



# RESIDUOS TEXTILES DESECHADOS

En la región de Metro Vancouver



**WE EACH TRASH  
44 T-SHIRTS\* PER YEAR.**



\* According to Metro Vancouver's 2016 waste composition study, on average we each discard 17 pounds of clothing per year – the equivalent weight of 44 t-shirts.

metrovancover

10  
CASUAL  
FRIDAYS

7  
DATES

2  
LUMBERJACK  
COSTUMES

1  
THOUGHTFUL  
OWNER



THINK THRICE ABOUT YOUR CLOTHES  
Reduce, Repair, Reuse.

metrovancover

46  
CONCERTS

10  
TOURS

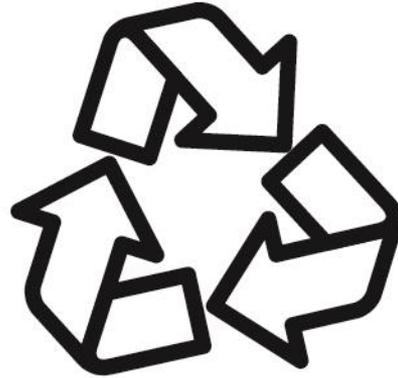
1  
FIRST  
DATES

3  
DEDICATED  
OWNERS

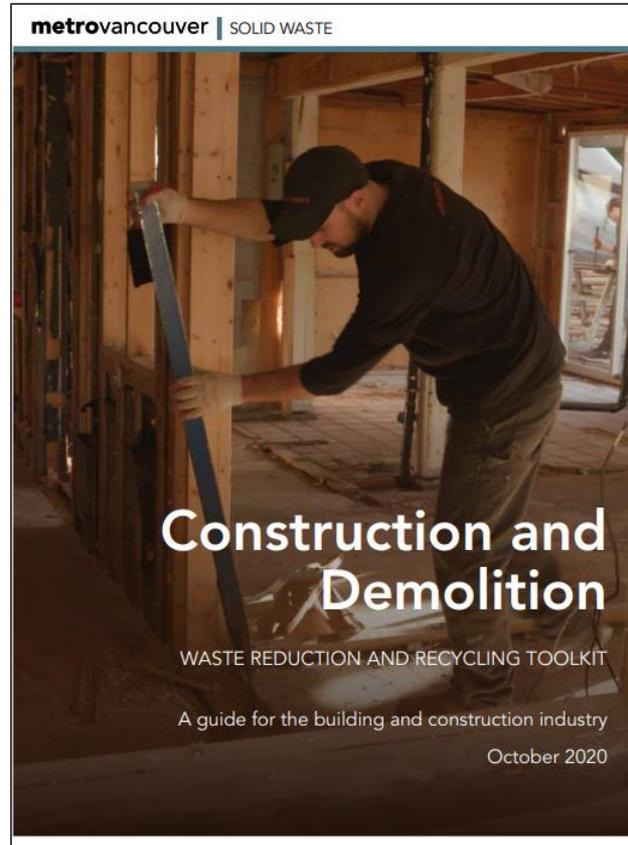


THINK THRICE ABOUT YOUR CLOTHES  
Reduce, Repair, Reuse.

Ejemplo:  
Desechos de  
construcción y  
demolición



# GUIA DE CONSTRUCCIÓN Y DEMOLICIÓN



# GUIA DE REDUCCIÓN Y RECICLAJE DE DESECHOS DE CONSTRUCCIÓN Y DEMOLICIÓN

## Alternativas a la demolición

- Reutilización adaptativa
- Relocalización
- Deconstrucción
- Rescate y reutilización de materiales



# CALCULADORA

## Demolition Waste Generation Rates Calculator



[Home](#) > [Services](#) > [Solid Waste](#) > [Waste to Energy & Disposal](#) > [Construction & Demolition Waste](#) > Demolition Waste Generation Rates Calculator

All details and material estimates produced by this calculator are intended for informational purposes only. Additional information on specific municipalities' bylaws, procedures and requirements is available through individual municipal websites.

Use this calculator to estimate:

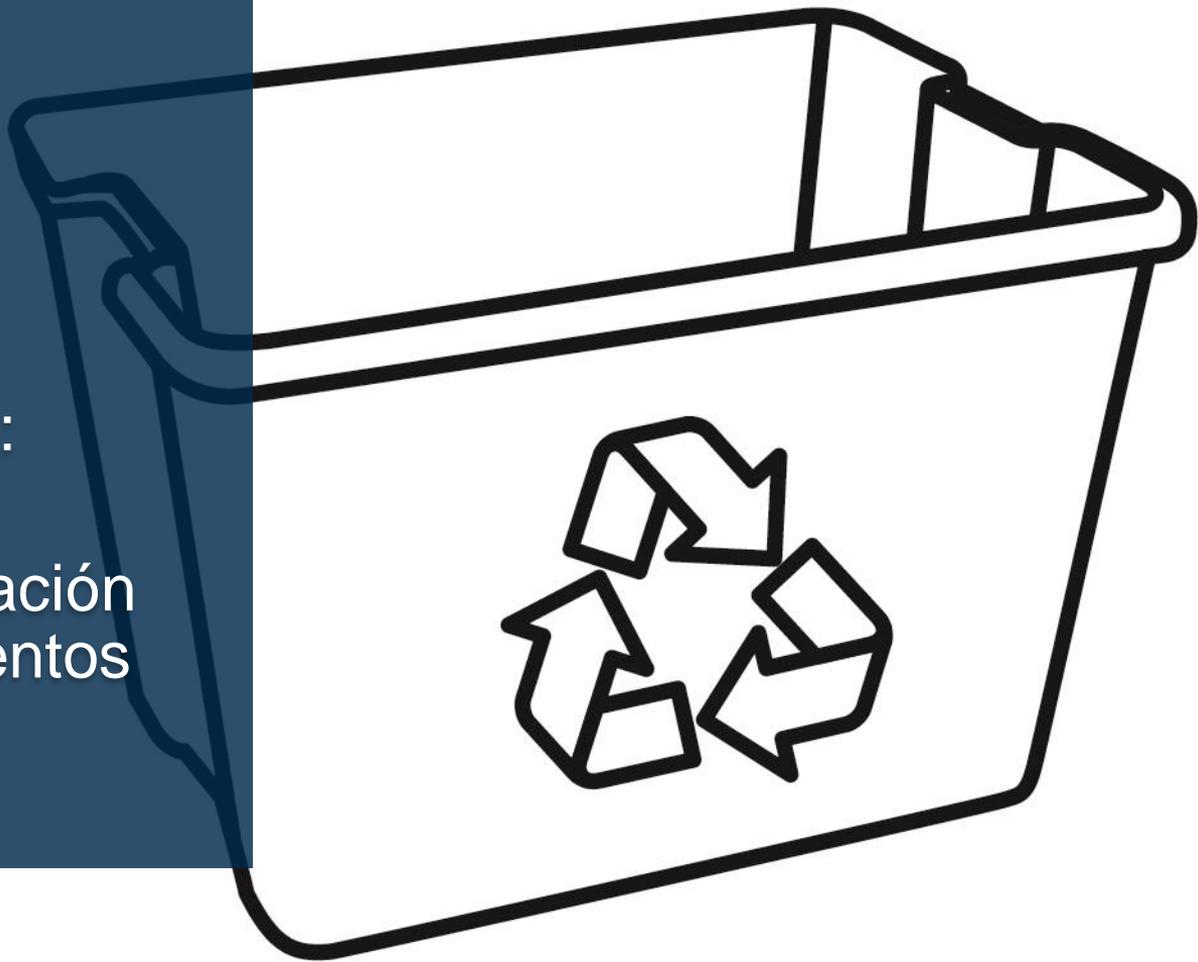
- The weight of each type of waste material generated at your residential demolition site.
- The minimum amount of demolition waste (by weight) that must be recycled or reused to fulfill your municipality's recycling requirements.

**House Floor Area:**  
Enter a number, then select the unit in sqft or sqm.

Which unit do you want to display the results?

**Required recycling rate:**  
Select a preset value (if it exists). The minimum recycling rate depends on the requirements set by each municipality.

Ejemplo:  
Red de  
recuperación  
de alimentos



# RED DE RECUPERACIÓN DE ALIMENTOS

## Propósito

- Rescatar y redistribuir los excedentes de alimentos para lograr el mejor uso final
- Crear mercados secundarios
- Reducir desperdicios



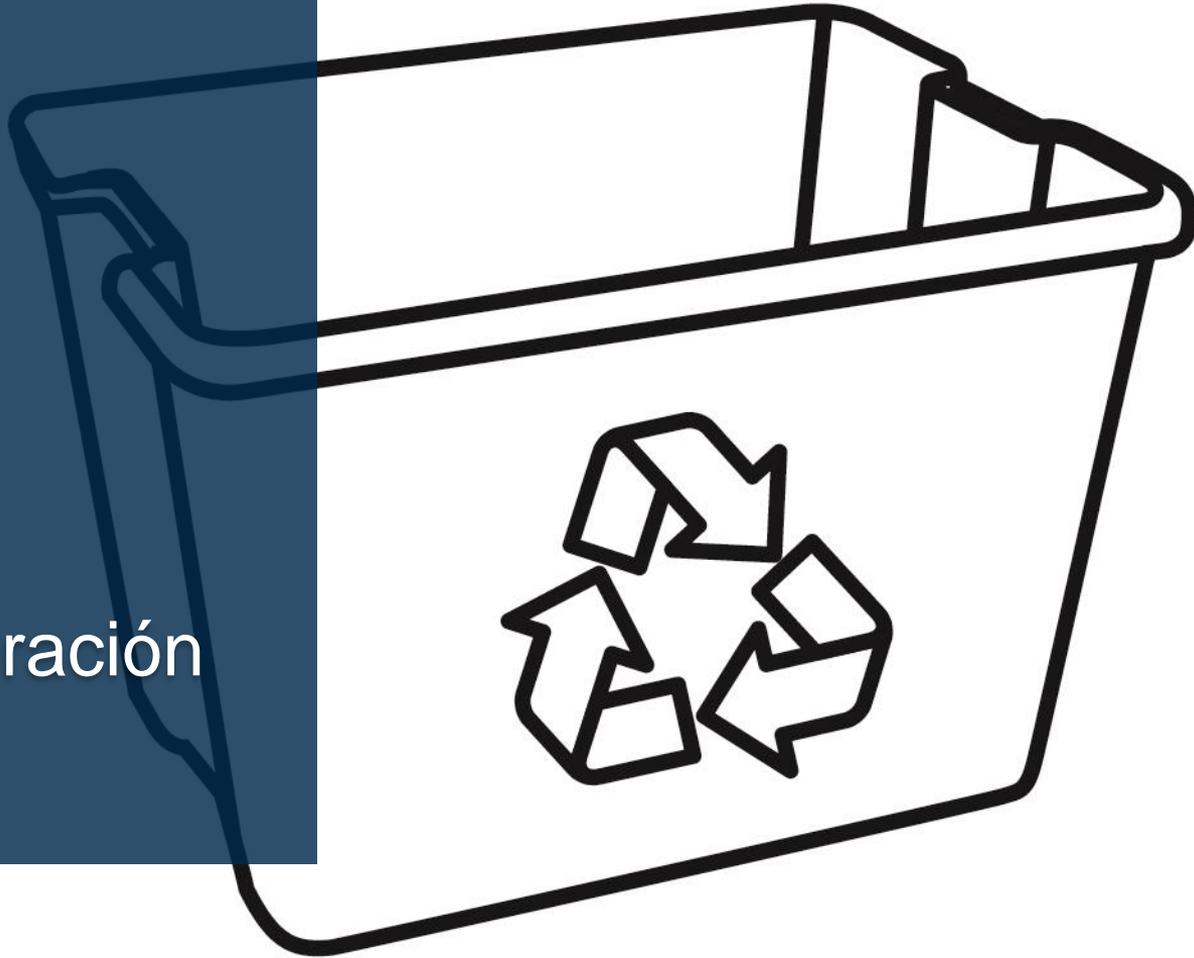
# INFORMES ANUALES

## Métricas

- Organizaciones participantes
- Peso total de alimentos rescatados
- Destino final de alimentos rescatados
- Ahorro total de costos
- Emisiones totales de CO2 ahorradas
- Empleos creados



Colaboración



# COLABORACIÓN

## Consejo de Reciclaje de British Columbia – Base de datos de reciclaje

- **metrovancover recycles** ayuda a los residentes a encontrar opciones de reciclaje
- Impulso de datos por el Consejo de Reciclaje de British Columbia (RCBC)

**metrovancover recycles** about us

What are you recycling today?

Where are you recycling?  **Find Locations**

**Map:** A map of the Greater Vancouver region showing various recycling drop-off locations marked with green icons. Locations include Lasqueti Island, Sechelt, Roberts Creek, Gibsons, West Vancouver, Burnaby, Coquitlam, Golden Ears Provincial Park, Langley, Surrey, Richmond, Nanaimo, Gabriola Island, Cassidy, Port Alberni, and Abbotsford.

Metro Vancouver Recycles is a database and search tool for residents and businesses to find out where to recycle or donate thousands of different materials across the region. The easy-to-use tool allows searches by material and location, and displays a map of recycling drop-off locations and details such as hours of operation and contact information. Materials listed include batteries, electronics, packaging, clothing, and more.

**Report an issue**  
Email: [hotline@rcbc.ca](mailto:hotline@rcbc.ca)  
Phone: 604-RECYCLE

**Learn more about waste management**  
Subscribe: Solid Waste Mailing List  
Phone: 604-432-6200

**Data powered by**

# COLABORACIÓN

Día de reutilización en el Centro de Reciclaje y Desechos de North Shore

- June 2019

Proyecto piloto

1565 kg de materiales reutilizables

- Lanzado a finales de agosto 2022



# NATIONAL ZERO WASTE COUNCIL

## Áreas de enfoque:

- Prevención de residuos
- Economía Circular
- Construcción y Demolición
- Alimentos
- Plásticos
- Diseño de productos y embalaje





TOGETHER  
WE MAKE OUR REGION  
**STRONG**

**metrovancouver**