

# Welcome



# INDEPENDENT CONSULTATION AND ENGAGEMENT PANEL MEMBER OBSERVERS

- Celena Benndorf

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# Agenda

View of Metro Vancouver

# AGENDA

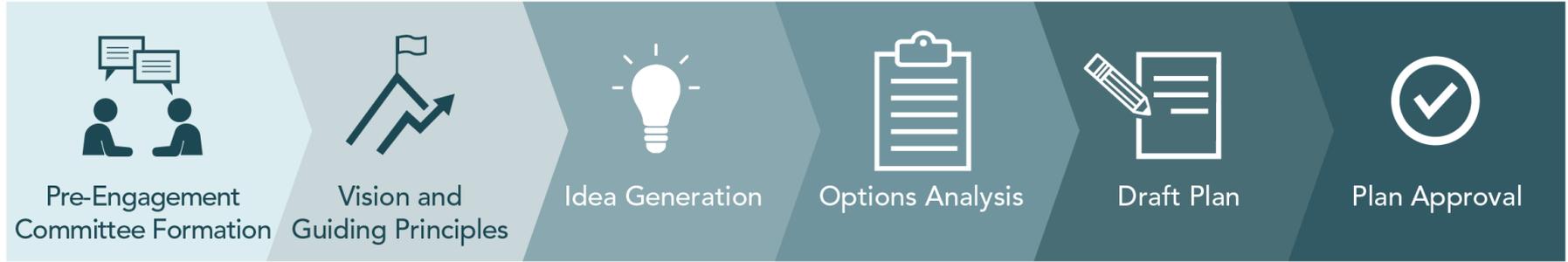
1. Welcome
2. Agenda – January 29, 2026
3. Meeting Notes – November 20, 2025
4. Update Items – Vancouver Landfill Agreement
5. Solid Waste Management Plan Update:
  - 5.1 Review of the Initial Draft Plan – Discussion
  - 5.2 2024 Solid Waste Statistics
6. Information Items
7. Action Items
8. Additional Items

# Meeting Notes





# PLAN TIMELINE



▲  
we are here

# REMAINING STEPS TO FINALIZE THE PLAN

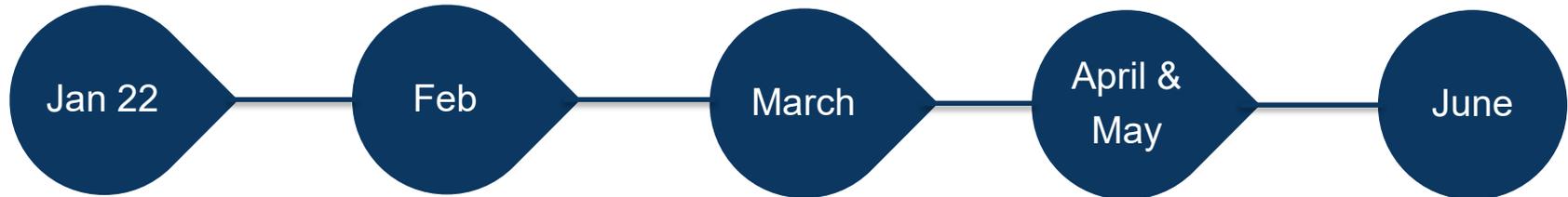
Publish **initial draft plan**

Receive feedback on **initial draft plan**

Present revised draft plan to **Zero Waste Committee** and **GVS&DD Board**

**Comment period** on revised draft plan

**Submit** draft plan to Minister





# PLAN OVERVIEW

- One vision: **A thriving region where nothing is wasted and resources are valued.**
- 7 Guiding Principles
- 6 Goals
- 30 Strategies
- 117 Actions

# VISION AND GUIDING PRINCIPLES

Complete

“A thriving region where nothing is wasted and resources are valued.”



A solid waste and recycling system that is **affordable**, convenient, and consistent across the region.



A solid waste system that is **resilient** to climate change and future challenges.



**Accountability** from residents, businesses, and governments to prevent waste.



**Environmental stewardship** and climate action.



**Inclusive** solid waste services and programs.



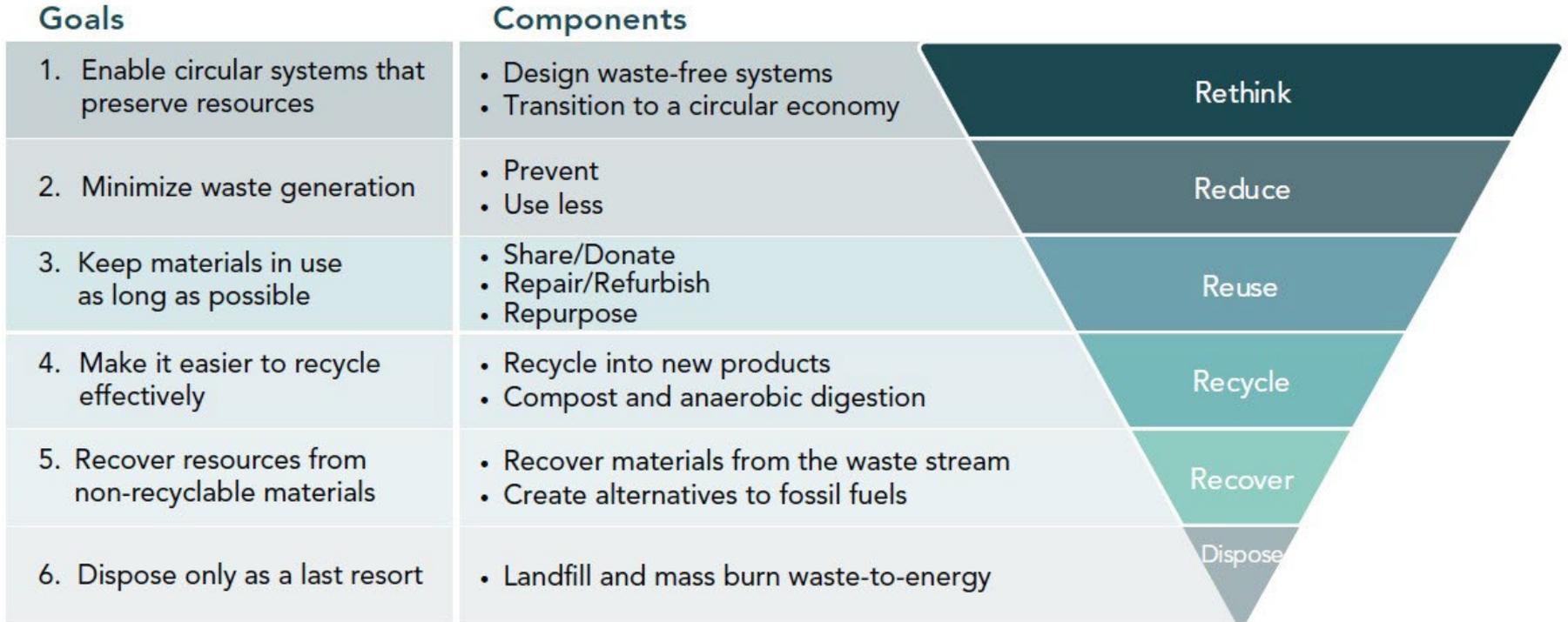
**Innovation and collaboration** to support a vibrant regional economy that keeps products and materials in circulation.



**Transparency** about what happens to waste and recycling.

# HIERARCHY AND GOALS

**Complete**



# DRAFT 2050 TARGETS

2025 Baseline



**20% Reduction in Waste Generation Per Capita by 2050**  
*(10% by 2040)*

**80% Diversion / 75% Recycling by 2050**  
*(75% / 70% by 2040)*



**50% Reduction in Disposal Per Capita by 2050**  
*(30% by 2040)*

**Carbon Neutral by 2050**  
*(45% reduction by 2030)*



# SECONDARY METRICS

R	Goal	Example Secondary Metrics
Rethink	Enable circular systems that preserve resources	<ul style="list-style-type: none"><li>• # of circular jobs</li><li>• # of circular initiatives or education supported/introduced</li><li>• summary of advocacy efforts</li><li>• # of member jurisdictions with circular procurement policies</li></ul>
Reduce	Minimize waste generation	<ul style="list-style-type: none"><li>• # of single-use items in garbage</li><li>• Amount of preventable food waste in garbage</li><li>• percentage of region covered by reusables for dine-in regulations</li></ul>

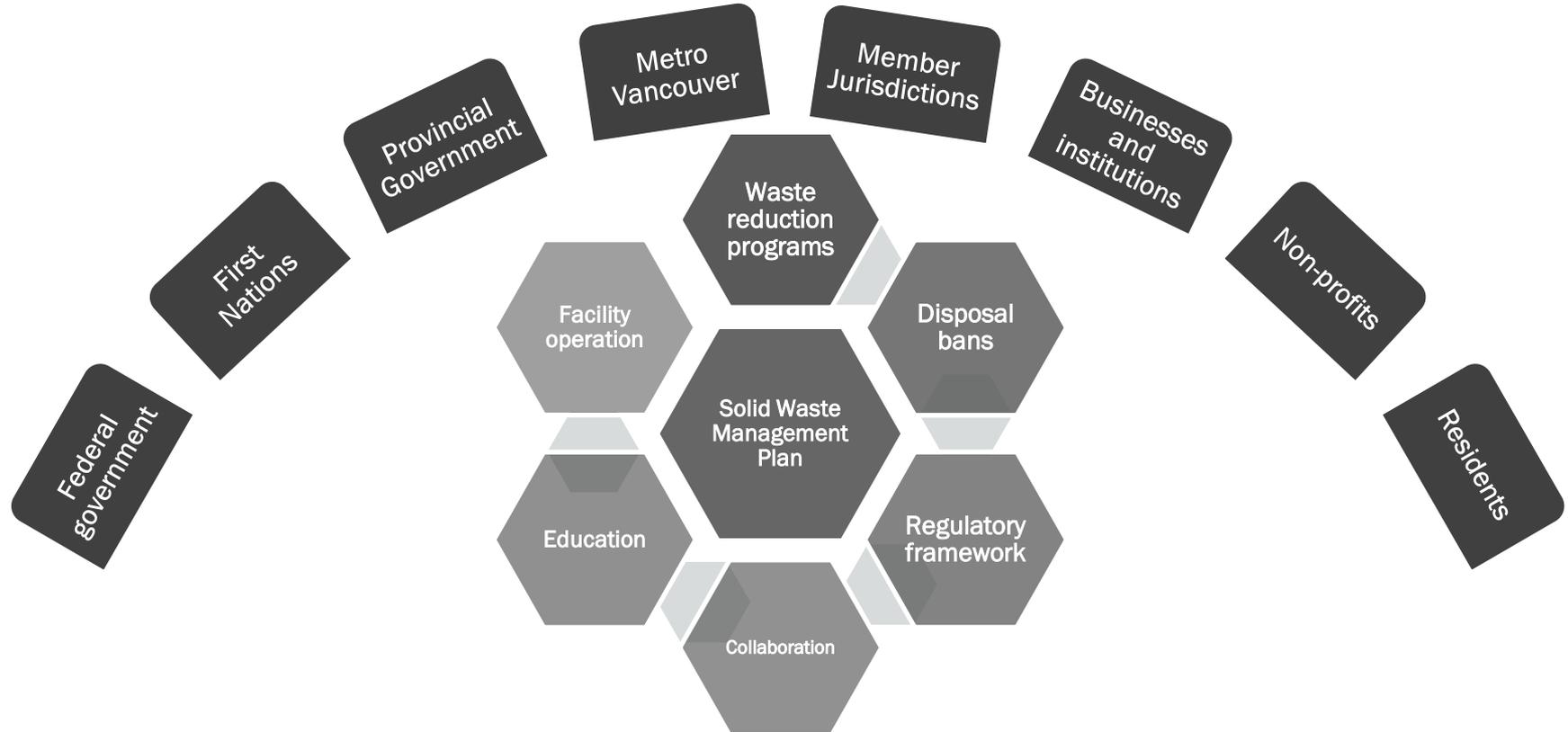
# SECONDARY METRICS

R	Goal	Example Secondary Metrics
Reuse	Keep resources in use as long as possible	<ul style="list-style-type: none"><li>• tonnes measurable reuse</li><li>• # items repaired at repair events</li><li>• # of buildings relocated or deconstructed</li><li>• percent of region covered by population covered by deconstruction or home relocation requirements</li><li>• tonnes food rescued</li></ul>

# SECONDARY METRICS

R	Goal	Potential Secondary Metrics
Recycle	Make it easier to recycle effectively	<ul style="list-style-type: none"><li>• Recycling rate by sector</li><li>• Recycling rate by material category</li><li>• Trends in availability of and participation in organics recycling programs</li><li>• Organics contamination rates</li></ul>
Recover	Recover resources from non-recyclable materials	<ul style="list-style-type: none"><li>• Ratio of recycling as a portion of diversion</li></ul>
Dispose	Dispose only as a last resort	<ul style="list-style-type: none"><li>• Energy generated (waste-to-energy and landfill)</li><li>• GHG from disposal facilities</li></ul>

# ROLES & RESPONSIBILITIES



## REGIONAL SOLID WASTE SYSTEM

- ▲ Facility
- ⋯ Municipal Boundary
- Treaty Lands
- First Nation Reserves



**North Shore  
RECYCLING &  
WASTE CENTRE**

**Vancouver South  
TRANSFER STATION\***

**United Blvd  
RECYCLING &  
WASTE CENTRE**

**Maple Ridge  
RECYCLING &  
WASTE CENTRE**

**Waste-to-Energy  
FACILITY**

**North Surrey  
RECYCLING &  
WASTE CENTRE**

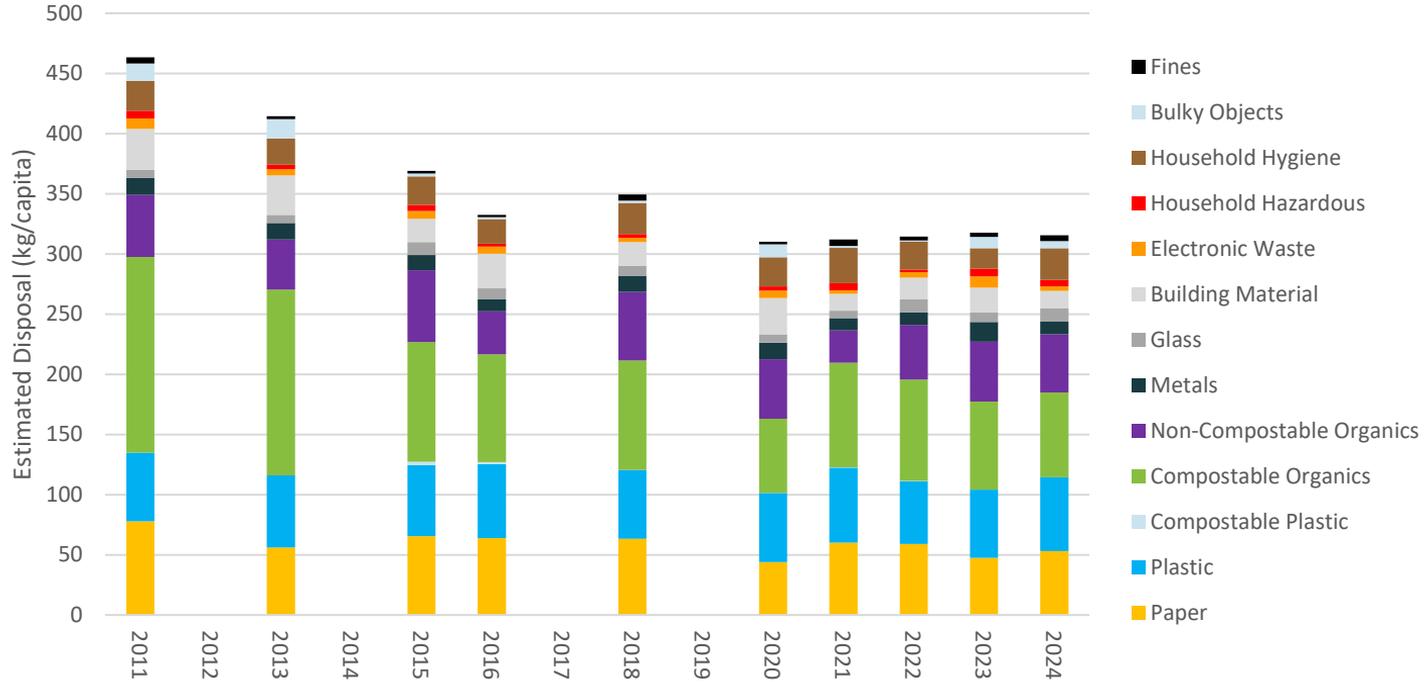
**Vancouver  
LANDFILL\***

**Central Surrey  
RECYCLING &  
WASTE CENTRE**

**Langley  
RECYCLING &  
WASTE CENTRE**

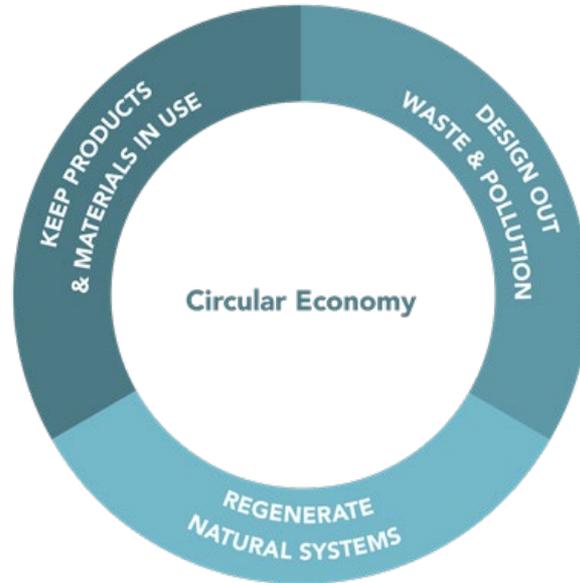
\*City of Vancouver facilities

# COMPOSITION OF REGIONAL WASTE DISPOSED



# CIRCULAR ECONOMY AND WASTE PREVENTION

## THE 3 PRINCIPLES OF THE CIRCULAR ECONOMY



# ALIGNMENT AND LINKAGES



# STRATEGIES AND ACTIONS

- Specific initiatives to achieve the plans goals and targets
- Organized according to waste hierarchy
- Represent the themes and priorities heard during engagement
  - Many actions revised from original draft based on feedback
- NEW: Member Jurisdiction Actions
- NEW: Disposal Actions

# RETHINK

4 Strategies, 15 Actions



1.1 Advocate for circular economy policies and programs



1.2 Help lead the transition to a more circular regional economy through waste prevention



1.3 Collaborate to advance a circular economy



1.4 Collect and share data to track progress toward a circular economy

# REDUCE

3 Strategies, 13 Actions



2.1 Collaborate with businesses and institutions to reduce waste at the source



2.2 Encourage residents to reduce and prevent waste



2.3 Prioritize food waste reduction initiatives for the commercial and institutional sectors

# REUSE

## 7 Strategies, 25 Actions

 3.1 Support consistent approaches to reuse

 3.2 Enhance extended producer responsibility programs

 3.3 Increase reuse of used building materials

 3.4 Work with event organizers, businesses, and institutions to increase reuse

 3.5 Increase access to and foster the broad adoption of reuse, refill, and repair

 3.6 Scale efforts to recover food

 3.7 Celebrate residents and businesses that prioritize reuse and refill and encourage more residents to participate in these activities

# RECYCLE

8 Strategies, 27 Actions

✓ 4.1 Promote design for recyclability and the use of recycled content in products and packaging

 4.2 Encourage the development of new recycling infrastructure

 4.3 Improve participation in green bin programs and alternatives for residents and businesses

 4.4 Make recycling easier by improving convenience

 4.5 Make recycling more effective by simplifying sorting

 4.6 Provide tailored recycling education for the residential, commercial and institutional sectors

 4.7 Increase transparency of what happens to materials from the recycling and green bin programs

 4.8 Enhance approaches to Metro Vancouver's disposal ban program

# RECOVER

2 Strategies, 6 Actions



5.1 Recover materials and energy from materials collected at regional facilities that are not currently recycled



5.2 Encourage recovery of materials and energy from construction and demolition materials that are not currently recycled

# DISPOSE

## 6 Strategies, 24 Actions

✓ 6.1 Continue to use Vancouver Landfill and the Waste-to-Energy Facility as primary disposal systems

- Explore opportunities to reduce reliance on remote private contingency disposal facilities through optimized use of the Vancouver Landfill and the Waste-to-Energy Facility.

 6.2 Use suitable procurement processes for any contingency disposal requirements

 6.3 Explore long-term additional disposal capacity if required

 6.4 Monitor disposal options for waste that requires specialized disposal

 6.5 Complete closure activities at the former Coquitlam Landfill

 6.6 Prevent litter and illegal dumping

# MEMBER MUNICIPAL ACTIONS PREAMBLE

Metro Vancouver's member jurisdictions have an important role to play in accomplishing the goals of the updated solid waste management plan. Each member has unique goals and priorities reflecting their own community. The strategies and actions include opportunities for Metro Vancouver and members to collaborate.

*Member jurisdiction actions presented in the solid waste management plan are intended as potential areas of focus for members to consider – they are not requirements.*

# SUMMARY OF MEMBER ACTIONS

## RETHINK AND REDUCE

- Host forums to operationalize circular economy business practices
- Include circular activities in zoning definitions
- Pilot circular public procurement
- Reduce commercial/institutional sector waste

# SUMMARY OF MEMBER ACTIONS

## RECYCLE

- Support the provision of adequate space and access for recycling in apartments
- Improve public recycling in parks and streetscapes
- Include recycled materials in street and landscaping construction
- Reduce litter from recycling set out and collection
- Explore technology enabled tailored education
- Deliver home composting education

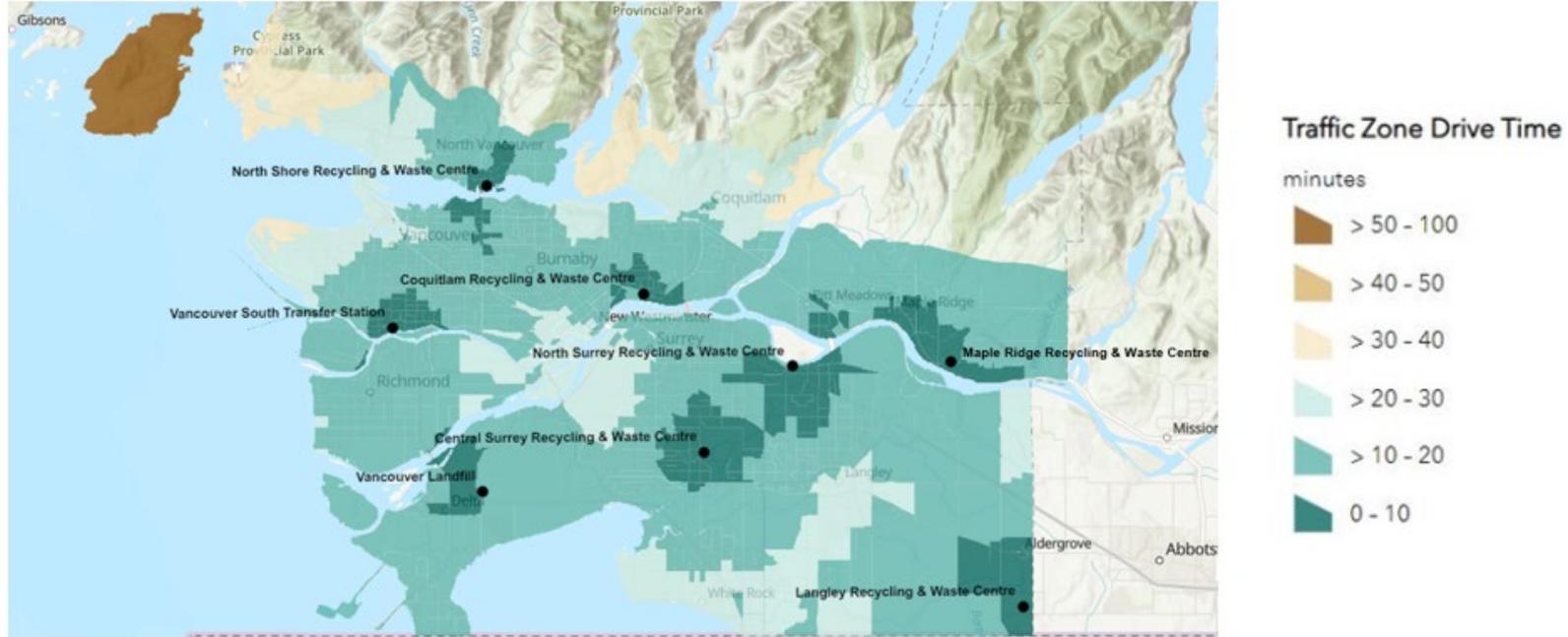
# REGULATORY STRATEGIC APPROACH

## Examples

Sector	Example Future Regulation
Generator	Mandatory source separation
Hauler	Hauler Licensing including mandatory source separation and separate management of streams
	Reduced disposal ban surcharges for collectors that meet minimum requirements
	Additional disposal ban categories and increased surcharges
Licensed Private Facilities	Updated reuse and recycling minimums in licences
	Expanded types of facilities that require a licence
	Incentives for innovation within licenses
	Administrative improvements to licensing bylaw including updating definitions

# RECYCLING AND WASTE CENTRE STRATEGIC APPROACH

## Drive Time Analysis



# RESIDUAL MANAGEMENT STRATEGIC APPROACH

## Technical Criteria



# EDUCATION AND OUTREACH

- Plan emphasizes value of behaviour change campaigns
- Outlines priorities for continuous improvement



# ACCESSIBILITY AND INCLUSION

Accessible infrastructure

Inclusive service and program delivery

Community support and engagement

Education and awareness

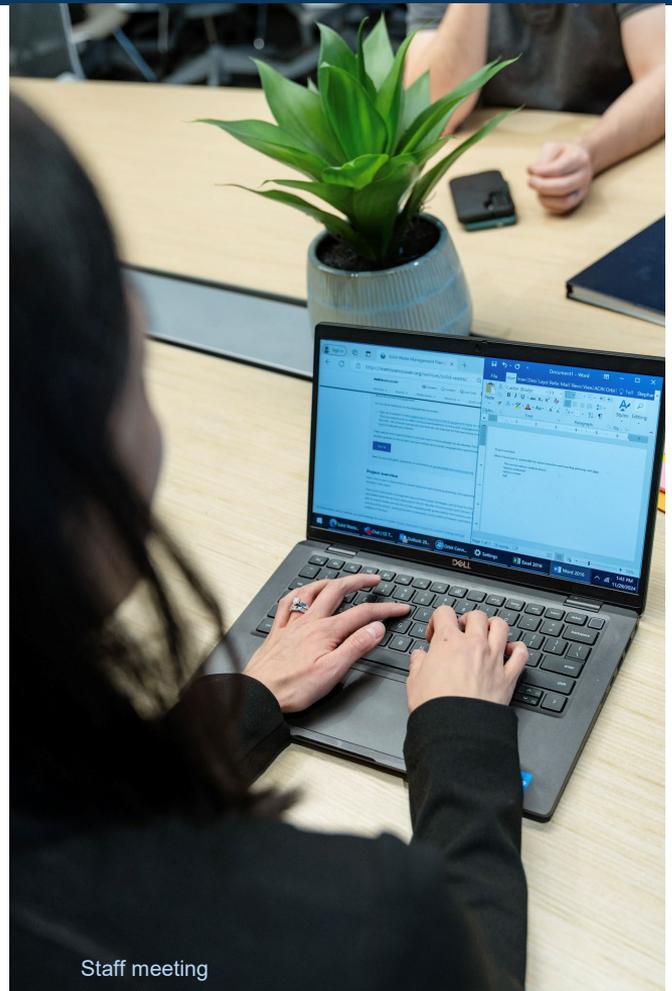
Continuous improvement

# FINANCIAL OVERVIEW

- Affordability is a guiding principle in considering implementation of any action
- Actions to be brought forward for consideration by the Board as part of the existing budget process
- Actions with the highest potential to advance progress toward plan targets based on business casing will be prioritized

# PLAN MONITORING

- Provisions for progress reporting
- Plan monitoring advisory committee to provide feedback on plan progress
- Members to represent a variety of interests, experiences and expertise
- Committee members to be recruited through an application process
- Terms of reference to be developed



Staff meeting

# SCHEDULE

- Reporting on plan progress will include list of actions currently underway and those expected to be implemented in upcoming reporting period
- Ensures scheduling is dynamic and responds to emerging issues



IAC Options Analysis Workshop

# GLOSSARY

- Definitions for solid waste terms used throughout
- Includes:
  - Built Environment
  - Circular Economy
  - Compostable Plastic
  - Recycling
  - Recover
- Based on existing provincial or industry definitions where available

# APPENDICES

Dispute Resolution Procedure

2026-2035 Solid Waste Operating  
and Capital Plans

Plan Monitoring Advisory Committee  
Terms of Reference (TBD)

# NEXT MEETING

- Small group discussions on key components of the plan
- Key question
  - What changes would you like to see, if any, in the revised draft?
- Suggested discussion group topics
  - Regulatory Strategic Approach
  - Residuals Strategic Approach
  - Disposal Actions
  - Others?

# NEXT STEPS

- Provide feedback on initial draft by Feb 20
- Revised draft to be presented to Zero Waste Committee and GVS&DD Board
- Additional opportunity to provide comments on the plan prior to submission to the province following Board meeting



Metro Vancouver Skyline

Thank You

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# Plenary discussion

Public/Technical Advisory Committee

## AGENDA

1. Welcome
2. Agenda – September 18, 2025
3. Meeting Notes – June 19, 2025
4. Action Items
5. Solid Waste Management Plan Update – Draft Plan Outline, Draft Plan Strategies and Rubric, and Residual Waste Management Options Review
6. Information Items
7. Other Business
8. Additional Items







United Boulevard Recycling and Waste Centre

# 2024 Solid Waste Statistics

INTEGRATED SOLID WASTE AND RESOURCE MANAGEMENT PLAN PROGRESS

Terry Fulton, P.Eng

Senior Project Engineer

Public and Technical Advisory Committee, January 29, 2026

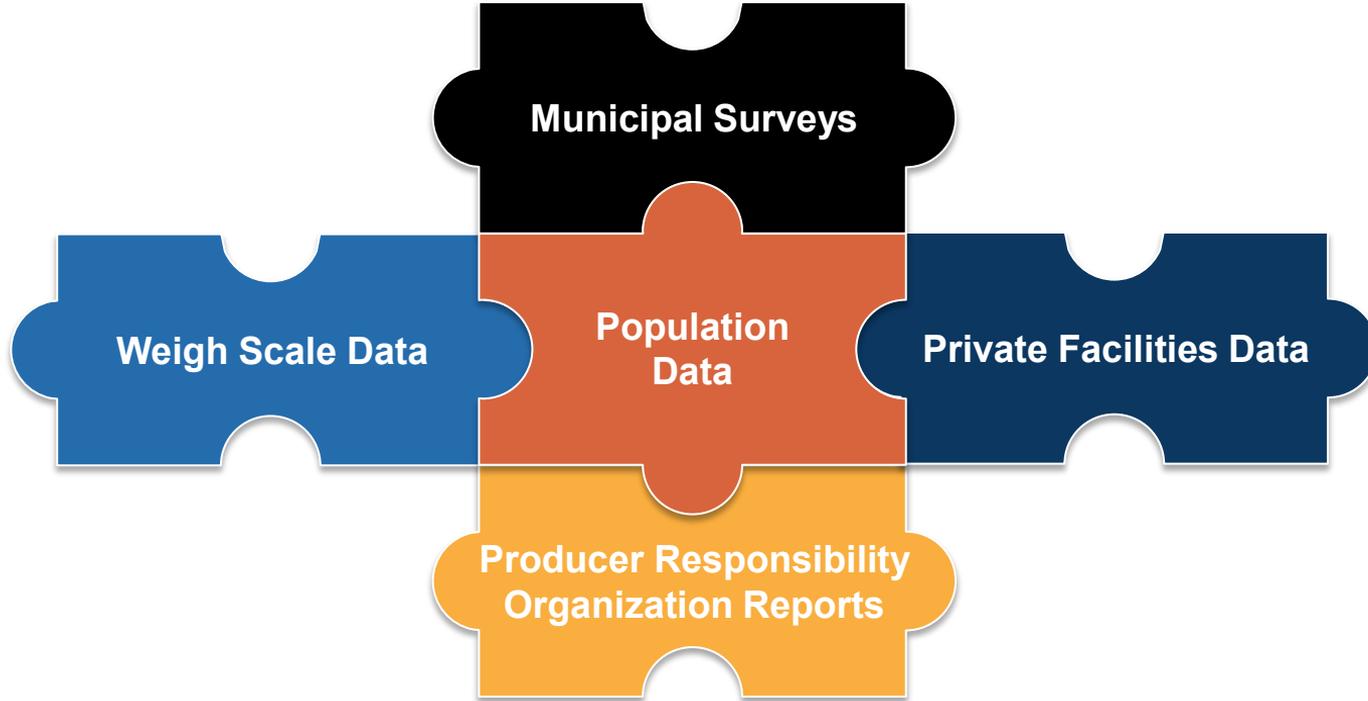
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# UPDATED PERFORMANCE MONITORING APPROACH

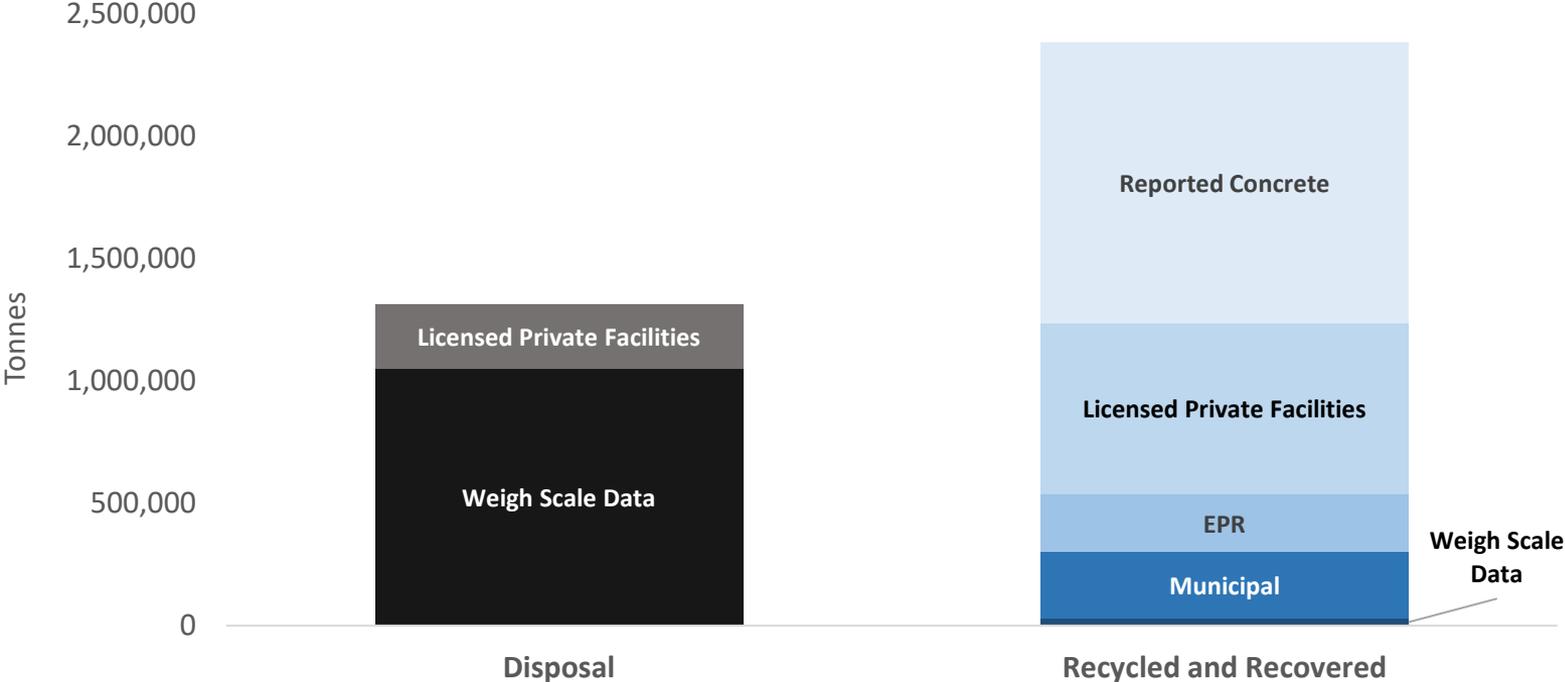
Consistent with performance metrics, hierarchy, and considering feedback

- Delineation of recycling vs. diversion rate (which includes recovery)
- Removal of asphalt from total recycling calculation
- Update concrete recycling numbers to current reported volumes
- Updated residential/commercial split on small loads (recycling and disposal) based on updated surveys

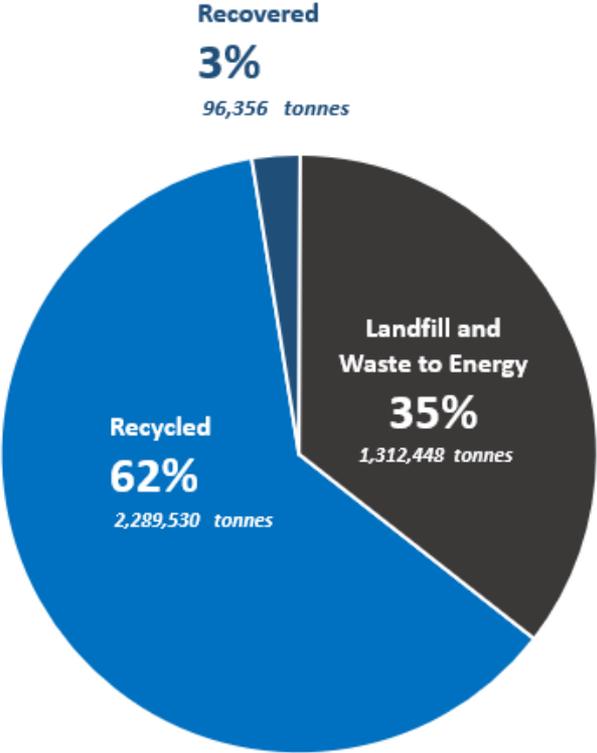
# STATISTICS INFORMATION SOURCES



# DATA SOURCES



# RECYCLING AND DIVERSION RATE



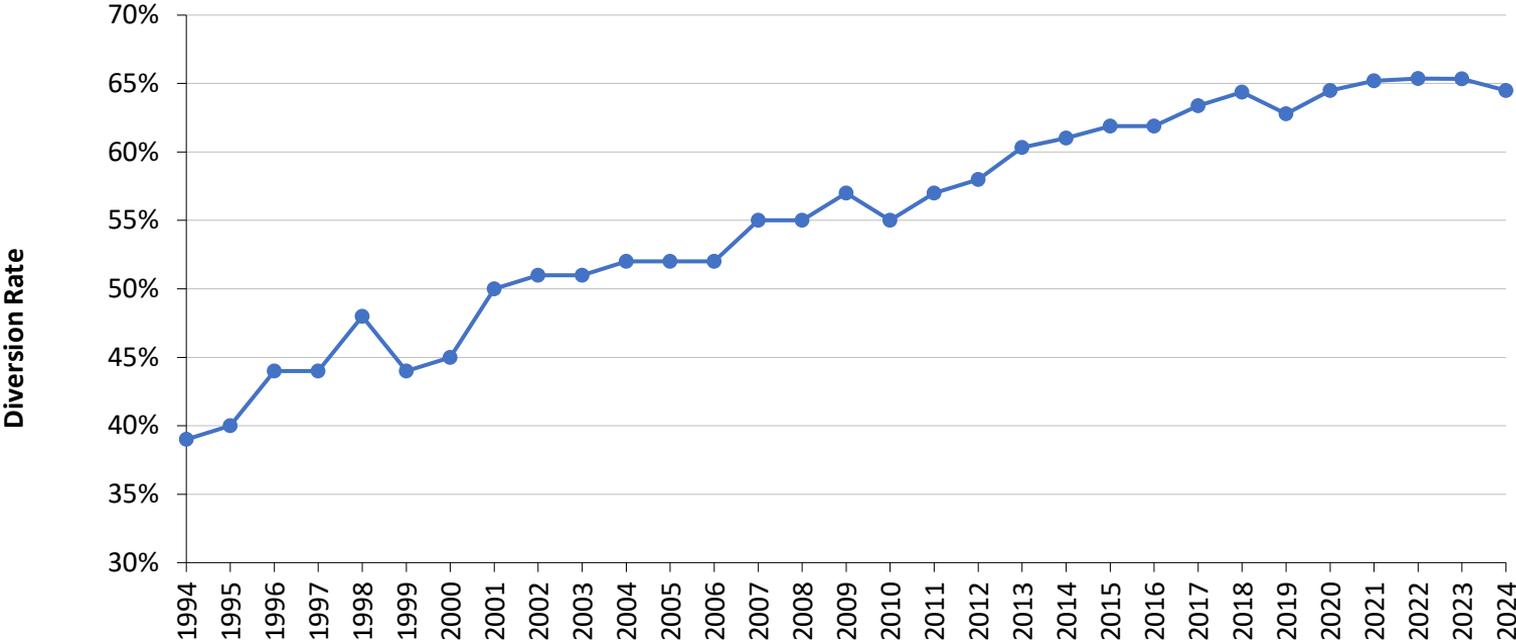
## 2024 Diversion Rate Highlights

- Diversion rate remained same as 2023 and 2022
- Diverted materials: Includes materials used for alternative fuels

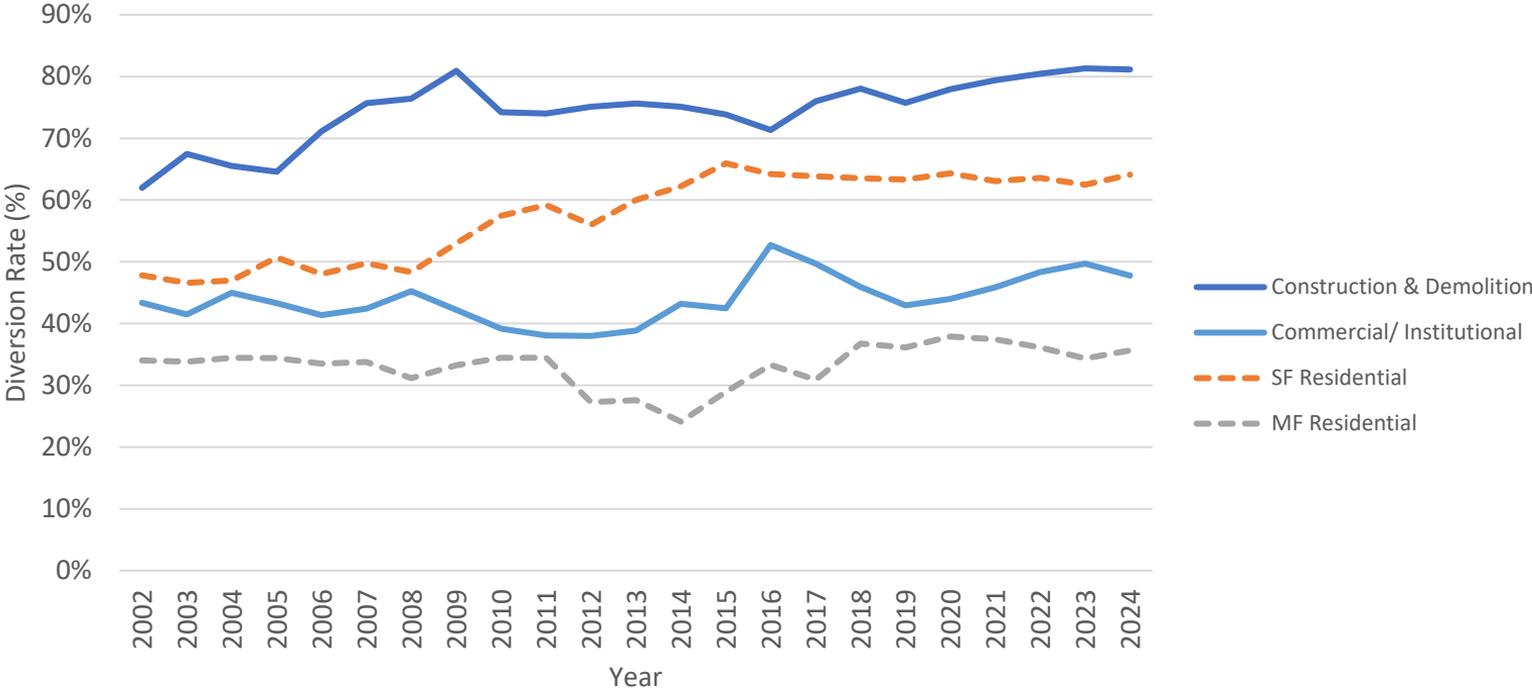
Year	Diversion Rate
2022	65%
2023	65%
2024	65%

# DIVERSION RATE OVER TIME

From all Sectors

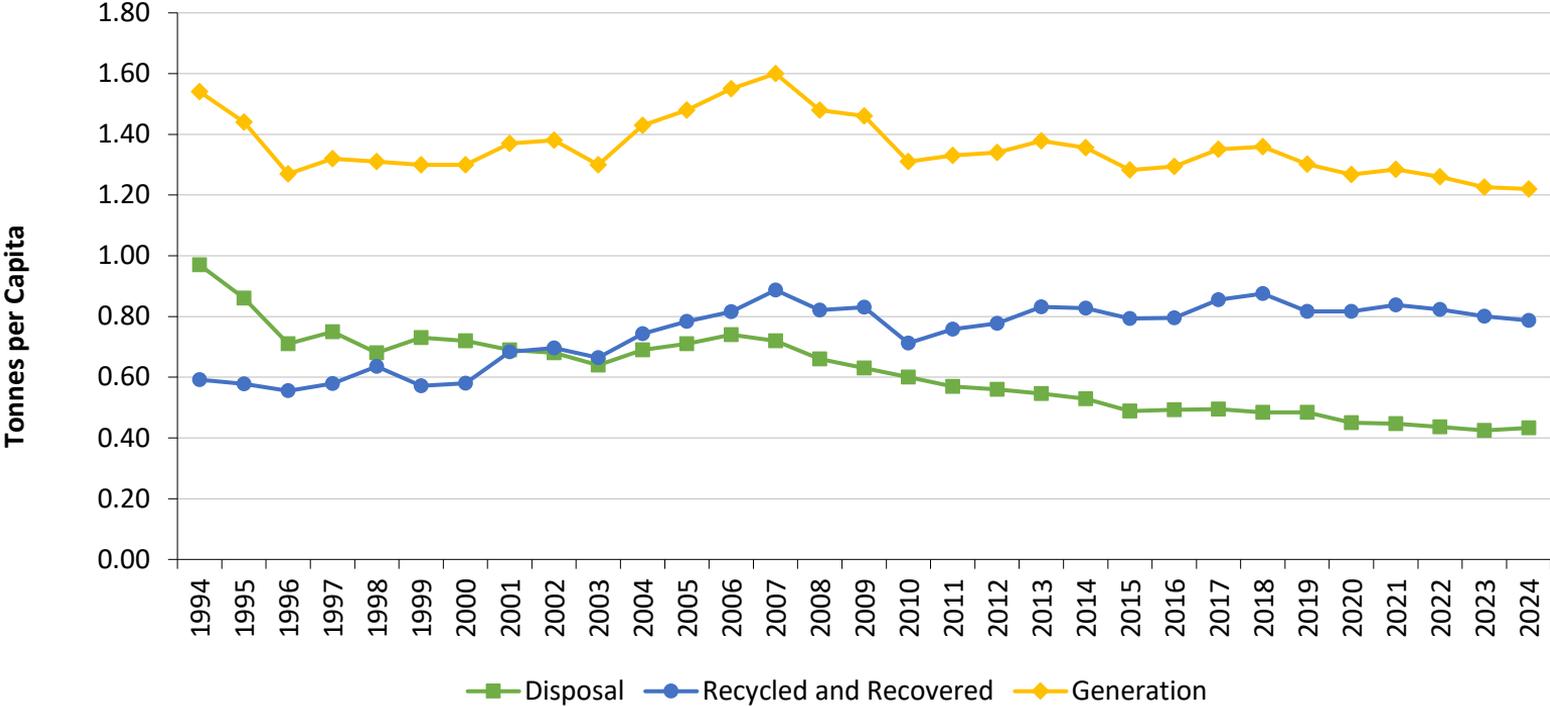


# DIVERSION RATE TREND BY SECTOR



# HISTORICAL PERFORMANCE OVER TIME

From all sectors



# 2024 SUMMARY

WASTE SECTOR		DISPOSED (tonnes)		RECYCLED AND RECOVERED (tonnes)		DIVERSION RATE (%)		
		2023	2024	2023	2024	2023	2024	% change
Residential	tonnes	538,897	513,591	571,230	570,375	51%	53%	1%
	tonnes/capita	0.18	0.17	0.19	0.19			
Single Family <sup>(1)</sup>	tonnes	252,993	233,664	421,472	415,753	62%	64%	2%
Multi-Family <sup>(2)</sup>	tonnes	285,904	279,927	149,758	154,622	34%	36%	1%
Commercial/Institutional <sup>(2)</sup>	tonnes	403,807	478,726	398,826	439,827	50%	48%	-2%
	tonnes/capita	0.14	0.16	0.13	0.15			
Residential + Commercial/ Institutional	tonnes/ household	0.80	0.83	0.82	0.85	51%	50%	0%
Construction & Demolition <sup>(4)</sup>	tonnes	326,938	320,130	1,423,304	1,375,685	81%	81%	0%
Total	tonnes	1,269,643	1,312,448	2,393,360	2,385,887	65%	65%	-0.8%
	tonnes/capita	0.42	0.43	0.80	0.79			
	tonnes/ household	1.08	1.10	2.04	2.00			

\*numbers may not add up correctly due to rounding

# RECYCLED AND DIVERTED MATERIALS

MATERIAL TYPE	TOTAL (tonnes)	CHANGE IN TOTAL (YEAR OVER YEAR) <sup>(1)</sup>
Batteries	13,556	▬ -2%
Concrete	1,178,405	▲ 35%
Electronic & Electrical Equipment	11,293	▬ 5%
Paper/Paper Products	316,601	▬ -2%
Glass	45,704	▬ -5%
Gypsum	76,377	▲ 21%
Household Hazardous Waste	23,801	▬ -3%
Metal	62,096	▬ 1%
Other	-	▬ 0%
Plastic	58,593	▬ 2%
Textiles	327	▲ 13%
Tires	20,241	▬ 2%
Wood <sup>(2)</sup>	167,783	▼ -13%
Yard & Food	411,109	▬ 0%
<b>TOTAL</b>	<b>2,385,887</b>	<b>▬ 0%</b>

(1) Arrow indicators only appear for year-over-year tonnage changes greater than +/- 5%

(2) 96,356 tonnes are materials used as fuel substitutes

## 2024 Highlights

- Increase in gypsum, significant decrease in wood diversion
- Asphalt removed from recycled materials as predominantly from streets
- Concrete values based on most recent reported values

# OTHER REPORTED MATERIALS EXCLUDED FROM RECYCLING STATISTICS

Material (Tonnes)	2022	2023	2024
Soil landfill cover <sup>(1)</sup>	437,493	455,900	603,018
Ground Construction Wood Waste used as landfill cover <sup>(1)</sup>	91,295	90,791	89,727
Aggregate <sup>(1)</sup>	91,764	99,860	89,492
Asphalt	490,758	492,602	437,715

(1) Data taken from Vancouver Annual Landfill Reports.

# NEXT STEPS

- Finalize and publish biennial report
- Present to Zero Waste Committee
- Seek public comments on biennial report
- Submit to BC Ministry of Environment and Parks



Metro Vancouver Skyline

Questions?

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# Information Items

Jericho Beach



# ZERO WASTE COMMITTEE UPDATES

- 2026 Zero Waste Committee Work Plan
- Reusable coffee cup launch at Metro Vancouver Head Office
- Nitrous oxide cylinder communications and recycling
  - Media event on December 12 – extensive media coverage
  - Working closely with contractors
  - Over 100 cylinders were collected for recycling in December

## **PUBLIC PRESENTATIONS TO INDEPENDENT CONSULTATION AND ENGAGEMENT PANEL**

- February 11, 2026 from 1:00 – 3:00 pm
- Online
- Presentations will be livestreamed and recorded
- Opportunity reflect and provide feedback on the engagement process during options analysis phase
- Sign-up info was emailed – available on [webpage](#)

# Action Items



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# Additional Items



# ADDITIONAL ITEMS

## Reports

- Updated Performance Metrics Report – Stantec
- Detailed Calculations of Targets and Metrics for the Solid Waste Management Plan Update
- Residuals Waste Management Options Review report



# PTAC 2026 DRAFT WORK PLAN ITEMS

Month	
January	2025 Solid Waste and Recycling Statistics Review of Initial Draft Plan – Discussion
February	Comments on Draft Plan – Feedback Session
March	Plan Implementation Approach – Discussion Plan Monitoring Advisory Committee – Discussion

# UPCOMING MEETINGS

## Meeting Dates for 2026

- February 19, 2026 (in-person feedback session on the draft plan)
- March 20, 2026 (online)





Workshop

Thank you

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