



United Boulevard Recycling and Waste Centre

# Metro Vancouver Updates

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WMABC 2023 Conference – February 23, 2023

**metro**vancouver

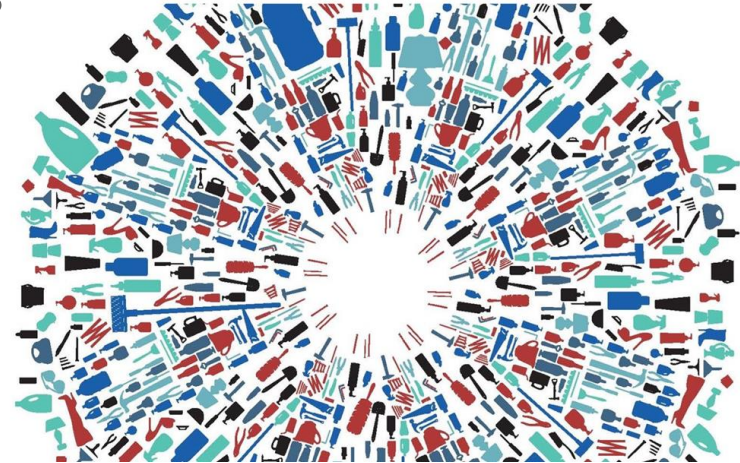
# PRESENTATION OUTLINE

- Facilities Update
- Zero Waste Committee Work Plan highlights
- Waste-to-Energy Facility District Energy
- Recycling and Waste Flows
- Solid Waste Management Plan Update

# METRO VANCOUVER ROLE

## Advancing Zero Waste and the Circular Economy

- Solid waste management plan development and monitoring
- Solid waste regulatory framework, including secondary regulatory mechanisms such as air emissions and sewer discharge
- Behaviour change and education programs
- Collaboration initiatives
  - e.g. National Zero Waste Council
- Data collection and analysis
- Solid waste facilities operation



# Regional Solid Waste Facilities



# UNITED BOULEVARD AND CENTRAL SURREY RECYCLING AND WASTE CENTRES



United Boulevard Recycling and Waste Centre  
995 United Boulevard – Opened March 2022



Central Surrey Recycling and Waste Centre  
6711 – 154 Street – Opened September 2022

# ZERO WASTE COMMITTEE

## 2023 Work Plan Highlights

- Vision and guiding principles for the solid waste management plan update
- Recycling depots at Langley and North Surrey recycling and waste centres
- Waste-to-Energy Facility district energy and biosolids management systems
- Scaling up reuse at recycling and waste centres

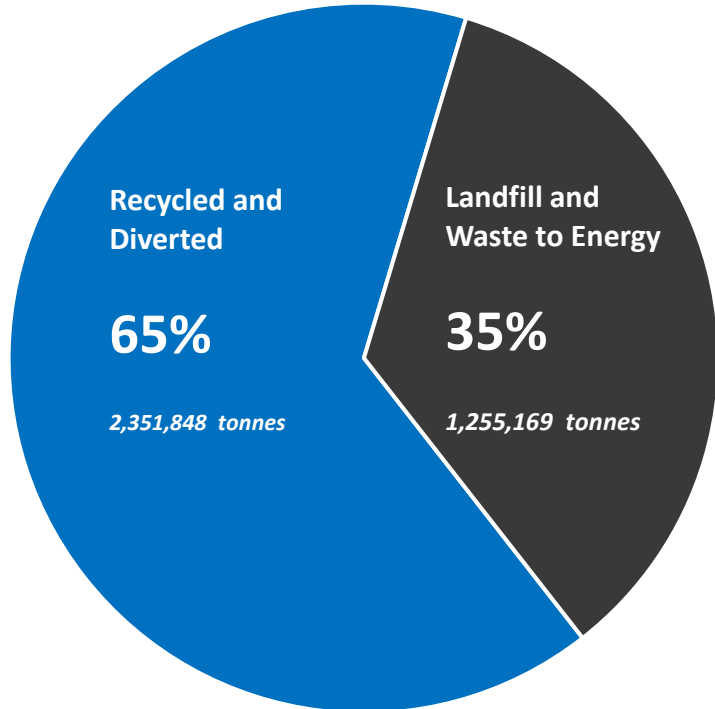


# DISTRICT ENERGY PROJECT



- Heat and hot water for up to 30,000 homes
- Up to 45,000 tonnes per year of GHG emission reductions
- Self-funded over life of project
- \$55 million capital cost to develop Phase 1
- River District Thermal Purchase Agreement anchors project

# 2021 RECYCLING RATE HIGHLIGHTS



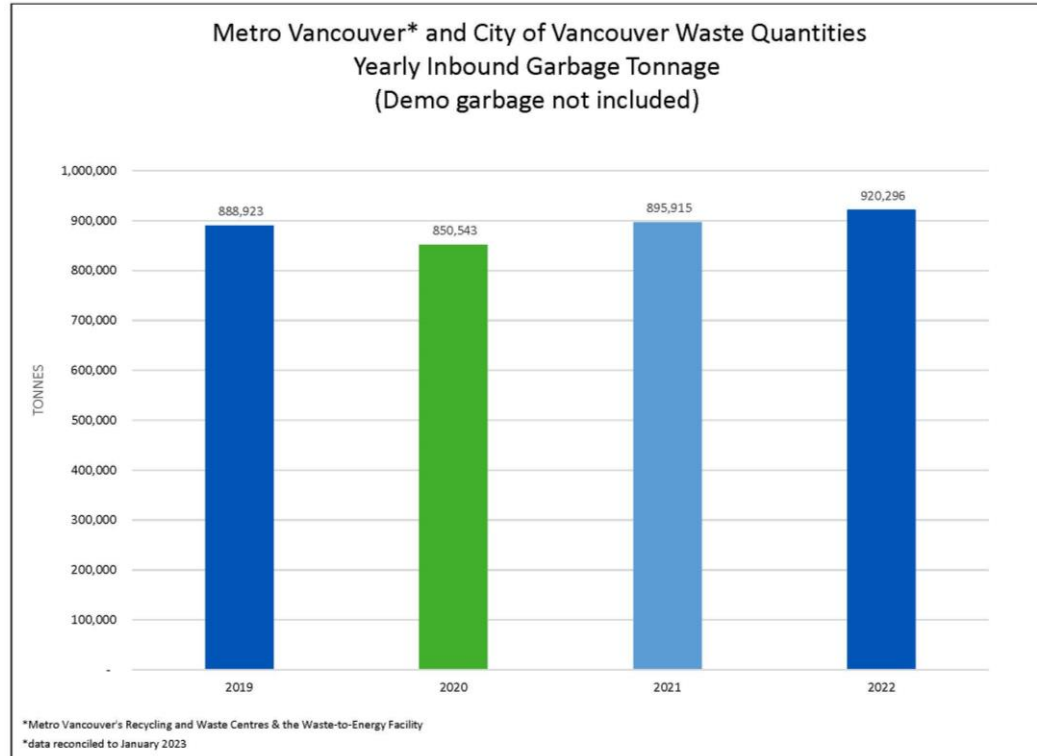
- Recycling Rate increase of 1%
- Commercial waste generation increased while residential waste generation decreased
  - Normalizing of habits following 2020
- Recycling increased at a greater rate than disposal

Year	Recycling Rate
2019	63%
2020	64%
2021	65%



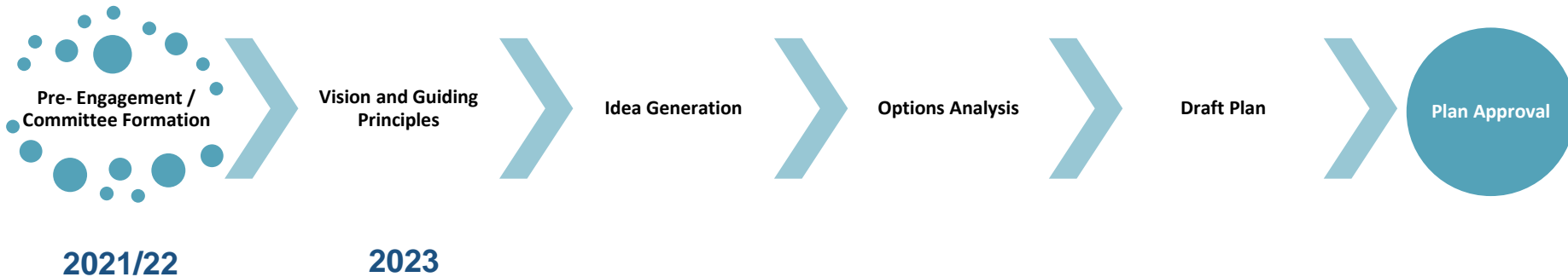
# ANNUAL WASTE FLOWS

## Metro Vancouver and City of Vancouver

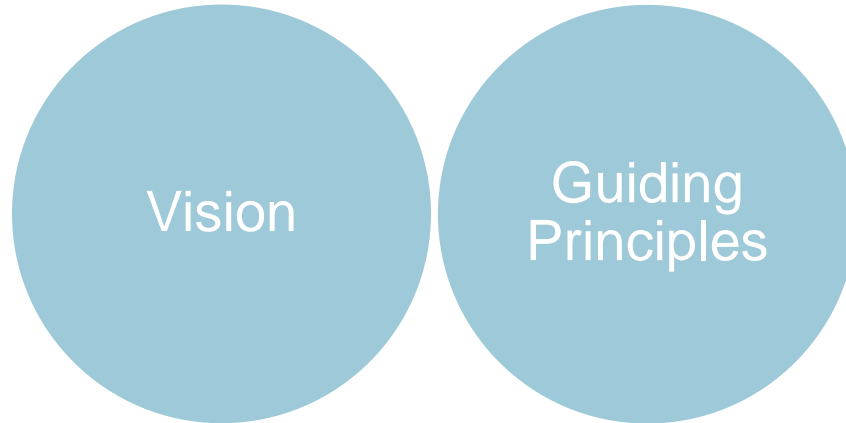


# SOLID WASTE MANAGEMENT PLAN UPDATE

- Starting vision and guiding principles engagement in spring 2023
- Engaging with industry stakeholders



# VISION AND GUIDING PRINCIPLES DEVELOPMENT



- Planning Inputs**
- Engagement input/feedback
  - Current plan review and Metro Vancouver guiding documents
  - Provincial guidelines
  - Solid waste management planning literature review

# INDUSTRY ADVISORY COMMITTEE

- 28 members in 2022
- New 2023 committee forming March 7
- September 7, 2022 workshop
  - Metro Vancouver Disposal Ban Program
  - Waste reduction and recycling data
  - Zero waste / circular economy
  - Residential and commercial/institutional residual garbage management
- April 4 vision and guiding principles workshop
- Meetings open to public/all meeting materials on website





## PUBLIC/TECHNICAL ADVISORY COMMITTEE

- Formed in June 2022
- 30 members
- Supports offered in case of financial barriers to their participation
- Two meetings in 2022 and four scheduled for 2023
- Meetings open to public/all meeting materials on website

# PUBLIC ENGAGEMENT TOOLS

## Engagement

- Presentations to Consultation & Engagement Panel
- Collaborate with organizations to host workshops/deliver engagement toolkits; financial support available
- Advisory committee associations engagement
- Online engagement platform/survey
- Public webinars/workshops
- Offer one-on-one meetings
- In-person at events

## Outreach

- Traditional and social media
- Email notifications
- Website
- Facility handouts
- Language and accessibility considerations



Questions?

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