



**METRO VANCOUVER REGIONAL DISTRICT
SOLID WASTE AND RECYCLING INDUSTRY ADVISORY COMMITTEE**

**Tuesday, November 1, 2022
1:00 p.m. – 3:00 p.m.
Zoom Teleconference**

A G E N D A

1. AGENDA

1.1 November 1, 2022 Meeting Agenda

2. MINUTES

2.1 September 7, 2022 Meeting Minutes

3. 2023 Industry Advisory Committee Meeting Format

Designated Speaker: Mary Polak, Industry Advisory Committee Co-Chair

4. REPORTS

4.1 September 7, 2022 Workshop Summary and Follow-up

Verbal Presentation

Designated Speaker: Paul Henderson, General Manager, Solid Waste Services

4.2 Disposal Ban Program Review

Verbal Presentation

Designated Speaker: Klaryssa Lawrie, Associate, Dillon Consulting

4.3 Waste Reduction and Recycling Data – Follow-up

Verbal Presentation

Designated Speaker: Terry Fulton, Senior Project Engineer, Planning and Zero Waste Implementation, Solid Waste Services

4.4 Solid Waste and Recycling Industry Advisory Committee – 2023 Draft Work Plan

Verbal Presentation

Designated Speaker: Paul Henderson, General Manager, Solid Waste Services

4.5 Zero Waste Committee Updates

4.5.1 2023 - 2027 Financial Plan – Solid Waste Services

Report

Designated Speaker: Paul Henderson, General Manager, Solid Waste Services

**4.5.2 GVS&DD Tipping Fee and Solid Waste Disposal Regulation Amendment
Bylaw No. 361, October 6, 2022**

Report

Designated Speaker: Paul Henderson, General Manager, Solid Waste Services

4.6 Metro Vancouver Updates

4.6.1 Regional Waste Flows

5. NEXT STEPS

5.1 2022 IAC Member Biographies

6. OTHER BUSINESS

INFORMATION ITEMS (Attachments)

- **Amendment to Hazardous Waste Regulation Registration for Asbestos Disposal – Vancouver Landfill**
- **September 7 Workshop Survey Results**
- **Proposed 2023 IAC Meeting Schedule**

Committee Co-Chairs:

Director Craig Hodge, Zero Waste
Committee Vice Chair
Polak, Mary - Waste Connections of
Canada

Membership:

Abrams, Izzie - Waste Connections of Canada	Gill, Robby - Cloverdale Fuel Ltd.	Moucachen, Maya - Merlin Plastics
Boora, Binder - BC Earth Exchange & Saskay Earth Exchange Ltd.	Hankins, Grant - Waste Management Association of BC	Peers, Nicole - Queensborough Landing Recycling Depot
Bryan, Lori - Waste Management Association of BC	Johnson, Gord - Empower Environmental/ Northstar	Plotnikoff, Terryl - Canadian Mattress Recycling Inc.
Carrusca, Ken - Cement Association of Canada	Kaminski, Jamie - HSR Zero Waste	Prasad, Shad - Cascade Recovery + Segal, Liliana - Green Chair Recycling
Cheung, Mannie - Product Care Association of BC	Kawakami, Sean - Convertus Group	Shore, Cynthia - Republic Services
Collins, James - Tymac Launch Service Ltd.	Kiani, Aiden - Lock-Block Ltd.	Stefenelli, Nicole - Urban Impact Recycling Inc.
	Lotzkar, Jacqueline - Pacific Metals Recycling Inc.	Wollen, Sebastian van - Blue Planet Recycling
	Mallari, Achilles - Sierra Waste Services Ltd.	
	McAra, Matthew – GFL	

Crawford, Jeremy – Waste Control
Services
Dietrich, Christian – Ecowaste
Industries

McRae, Ralph – Revolution
Millman, David - Waste Management
of Canada

Zarbl, Michael - Major Appliances
Recycling Roundtable

Metro Vancouver and City of Vancouver Staff:

Allan, Chris – Metro Vancouver
Atkinson, Brooke - Metro
Vancouver

Belanger, Lynn – City of Vancouver

Doorn, Nanette van – Metro
Vancouver

Evanetz, Sarah – Metro Vancouver

Henderson, Paul – Metro Vancouver

McDermott, John – City of Vancouver

Mizan, Zeenia – Metro Vancouver

Underwood, Chris – Metro
Vancouver

Vidler, Lynne – Metro Vancouver

Solid Waste and Recycling Industry Advisory Committee 2023 Draft Work Plan

Report Date: November 1, 2022

Priorities	
1st Quarter	Status
2021 Solid Waste and Recycling Annual Report	Pending
Disposal Ban Program Review report out	Pending
Circular Economy/ 3Rs Study	Pending
Regional Solid Waste System Assessment Study	Pending
Call for Submissions for 2023 IAC Membership	Pending
2nd Quarter	Status
Workshop 1: Solid Waste Management Plan Update Phase 1: Vision and Guiding Principles	Pending
Zero Waste Committee/Public and Technical Advisory Committee Co-Chair Report out on Industry Advisory Committee Activities	Pending
IAC Co-Chair Election	Pending
2021 Waste Composition Program Results	Pending
3rd Quarter	Status
Workshop 2: Topics to be determined	Pending
Roles of public and private sector in providing essential solid waste management services and advancing zero waste and the circular economy – potential workshop topic	Pending
Solid Waste Residual Management Options Study Update	Pending
2022 Disposal Ban Program Update	Pending
4th Quarter	Status
Solid Waste Services Financial Plan/2024 Proposed Garbage Tipping Fees	Pending
Solid Waste Management Plan Update – Guiding Principles Report Back	Pending

4.5 Zero Waste Committee Updates

4.5.1 2023 - 2027 Financial Plan – Solid Waste Services

[Zero Waste Committee Agenda Package - October 14, 2022
\(metrovancover.org\)](#)

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Designated Speaker: Paul Henderson, General Manager, Solid Waste Services

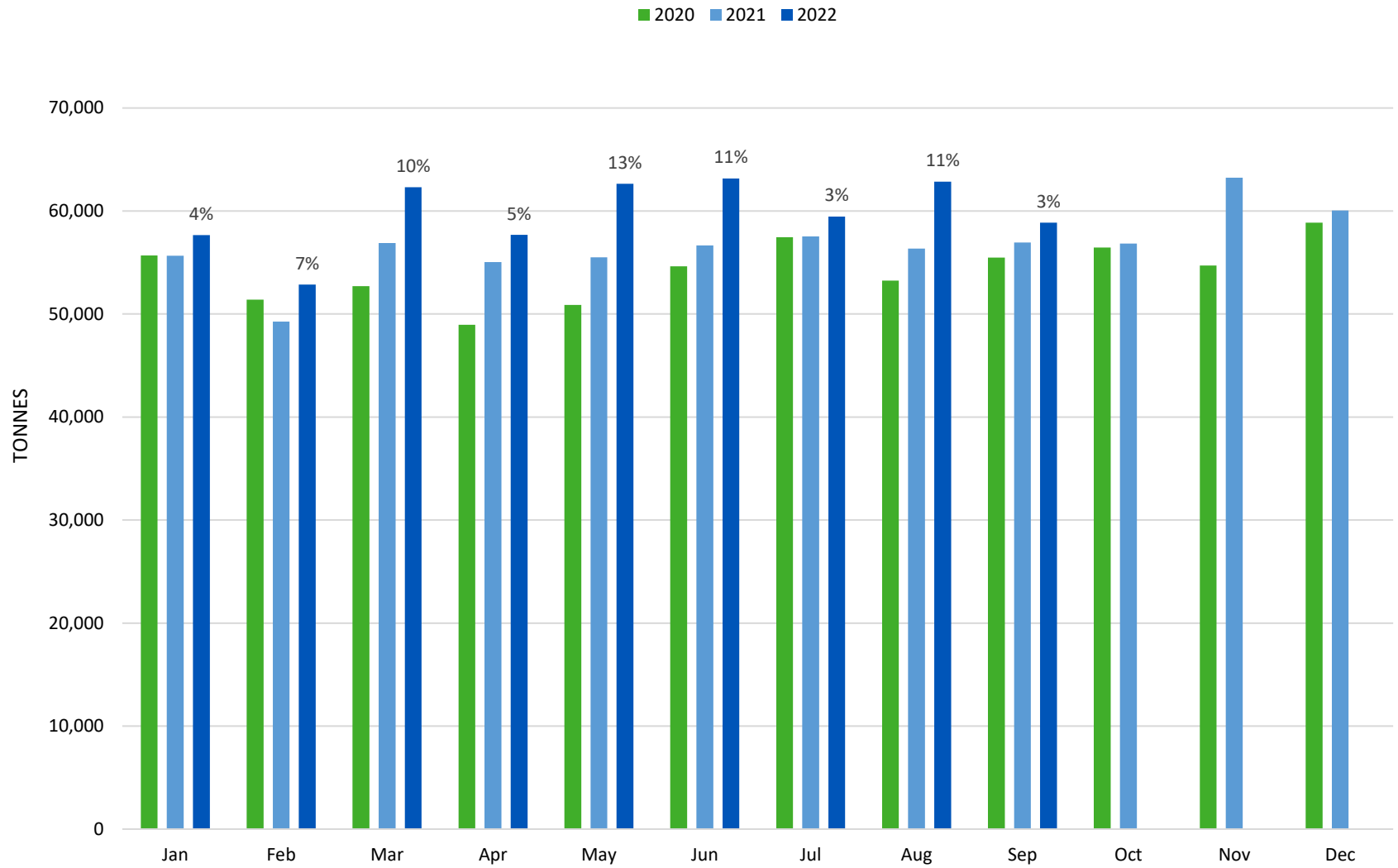
4.5.2 GVS&DD Tipping Fee and Solid Waste Disposal Regulation Amendment Bylaw No. 361, October 6, 2022

[Zero Waste Committee Agenda Package - October 14, 2022
\(metrovancover.org\)](#)

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Designated Speaker: Paul Henderson, General Manager, Solid Waste Services

Metro Vancouver Waste Quantities* Monthly Inbound Garbage Tonnage

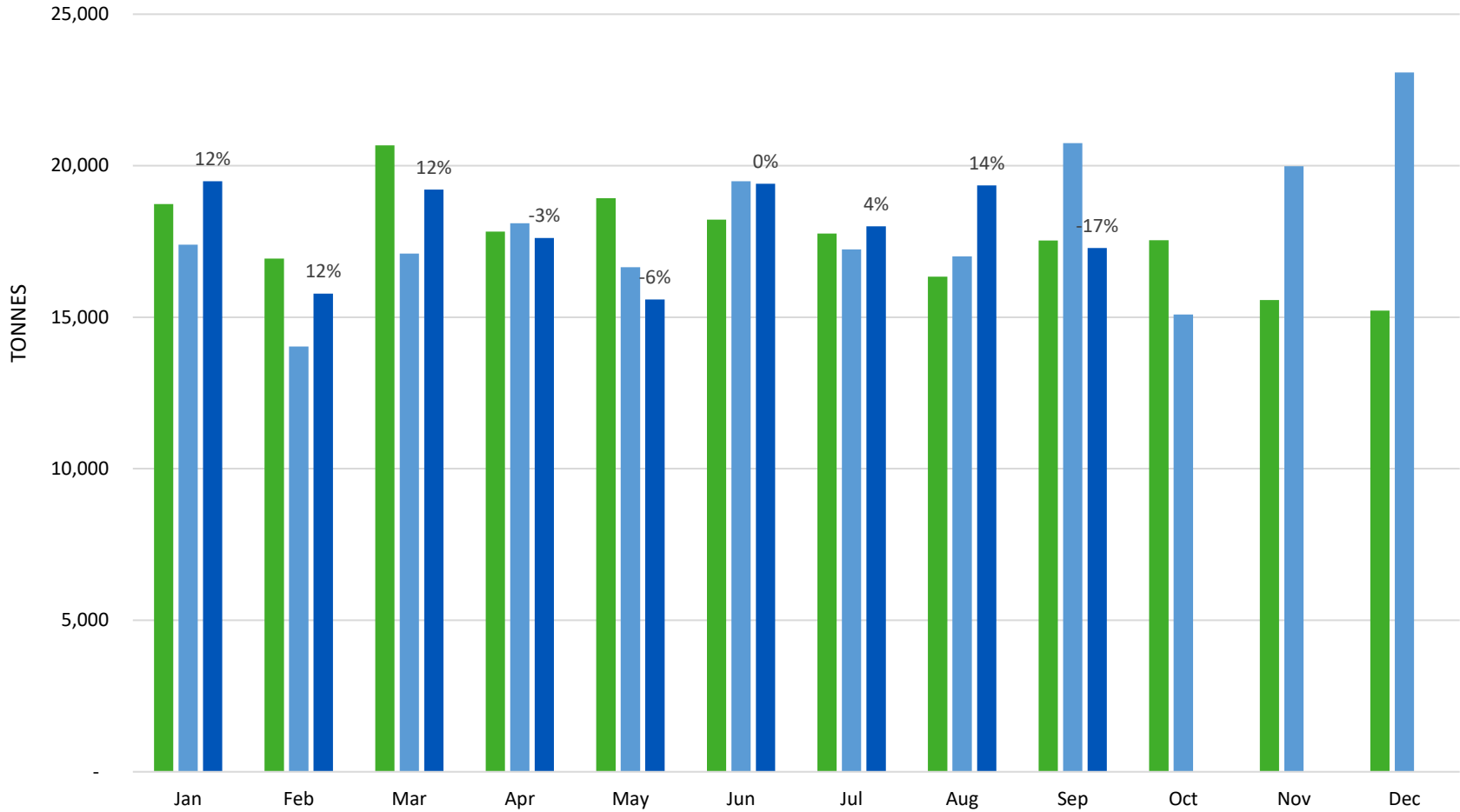


*Metro Vancouver's Five Recycling and Waste Centres & the Waste-to-Energy Facility

*data reconciled to August 2022

City of Vancouver Waste Quantities* Monthly Inbound Garbage Tonnage (Demo garbage not included)

■ 2020 ■ 2021 ■ 2022

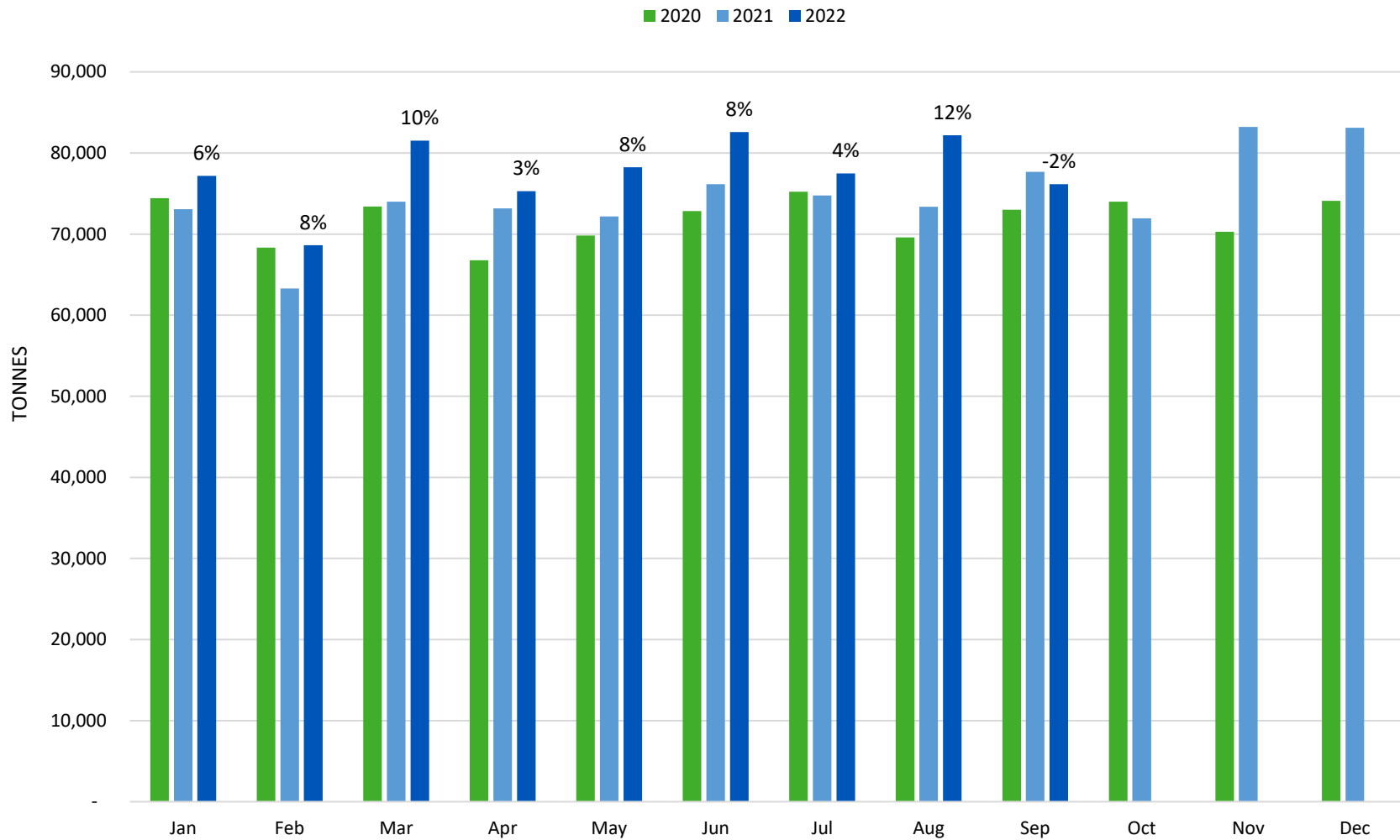


*Vancouver Landfill & Vancouver South Transfer Station

Metro Vancouver* and City of Vancouver Waste Quantities

Monthly Inbound Garbage Tonnage

(Demo garbage not included)



* Metro Vancouver data reconciled to August 2022

MEMORANDUM

October 20, 2022

TO: Metro Vancouver Solid Waste and Recycling Industry Advisory Committee

CC:

FROM: Michael Budzik, M.Eng., P.Eng.
Senior Engineer, Environmental Programs

SUBJECT: Amendment to Hazardous Waste Regulation Registration for Asbestos Disposal
- Vancouver Landfill

The purpose of this memorandum is to provide notification of the City of Vancouver's (the City's) pending application to amend the Vancouver Landfill's registration for waste asbestos disposal under the Provincial Hazardous Waste Regulation (HWR).

The City is intending to request an amendment to the approved registration to allow for waste asbestos disposal at an annual rate of up to 20,000 tonnes per year. This proposed annual limit will allow the City to continue accepting waste asbestos at current annual disposal rates which have ranged between 8,000 to 14,000 tonnes per year since 2017. It is expected this request will be classified by the Province as a significant amendment and as such, the City will be required to provide notification to the public, local municipalities and waste management planning committees. Formal notification will occur once the amendment request is submitted.

The Landfill provides safe and convenient disposal of waste asbestos for all of Metro Vancouver. This HWR registration amendment will ensure that the Landfill can continue to provide this regional service in the future.

Solid Waste and Recycling Industry Advisory Committee

Proposed 2023 Meeting Schedule

January						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

July						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

October						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

May						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

March						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

June						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

September						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

- Meeting Dates - Zoom
- Workshop Dates - In Person

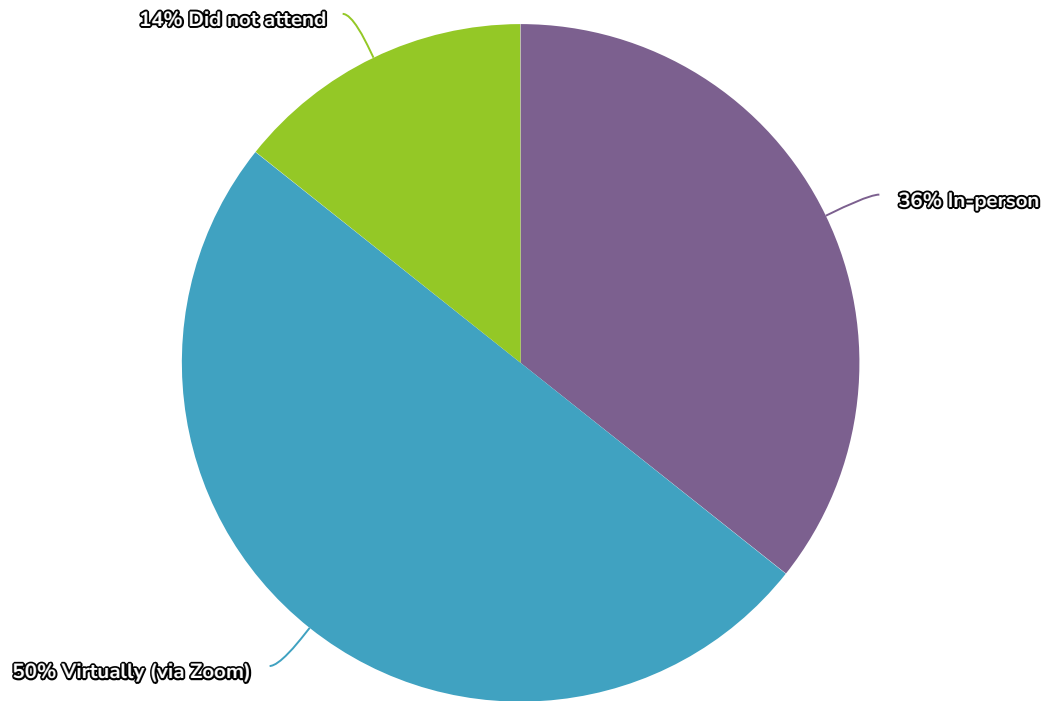
Report for Solid Waste and Recycling Industry Advisory Committee | September 7 Workshop Feedback




Response Counts



Totals: 14

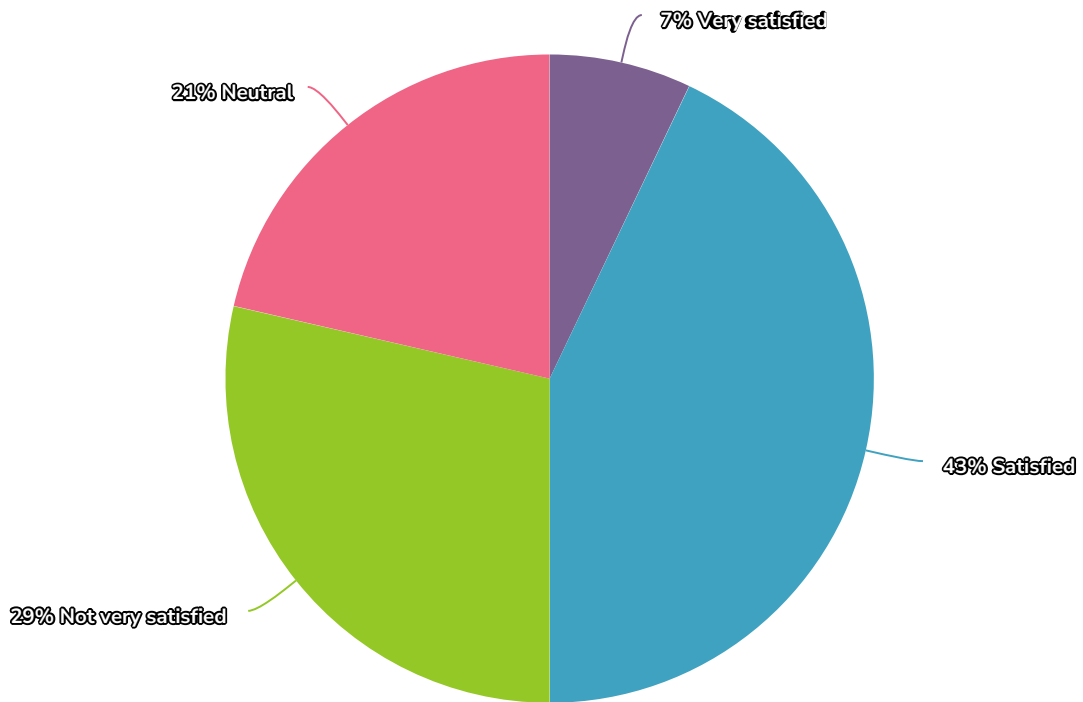
1. Please indicate how you participated in the September 7th workshop:



Value		Percent	Responses
In-person		35.7%	5
Virtually (via Zoom)		50.0%	7
Did not attend		14.3%	2

Totals: 14

2. How satisfied are you overall with the format and delivery of the September 7th workshop?



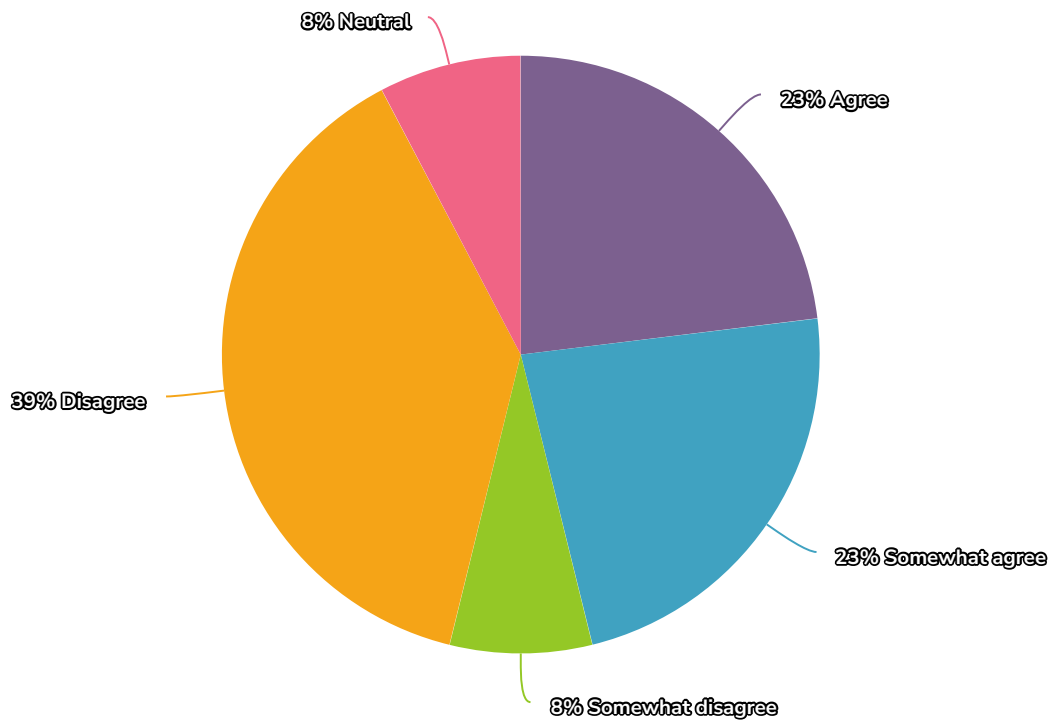
Value	Percent	Responses
Very satisfied	7.1%	1
Satisfied	42.9%	6
Not very satisfied	28.6%	4
Neutral	21.4%	3





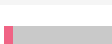
Totals: 14

3. Please assess the September 7th workshop in terms of the following statements:

	Agree	Somewhat agree	Somewhat disagree	Disagree	Neutral	Responses
The format was accessible. Count Row %	7 50.0%	2 14.3%	2 14.3%	0 0.0%	3 21.4%	14
The content presented was clear. Count Row %	8 57.1%	4 28.6%	0 0.0%	0 0.0%	2 14.3%	14
I had sufficient opportunities to provide input and ask questions. Count Row %	6 42.9%	1 7.1%	2 14.3%	3 21.4%	2 14.3%	14
The opportunities to provide input and ask questions were valuable to me. Count Row %	5 35.7%	2 14.3%	2 14.3%	2 14.3%	3 21.4%	14
This workshop created an opportunity to engage with others on the IAC committee. Count Row %	5 35.7%	0 0.0%	1 7.1%	4 28.6%	4 28.6%	14
The breakout group discussions were useful to me. Count Row %	3 21.4%	2 14.3%	1 7.1%	3 21.4%	5 35.7%	14
Totals Total Responses						14

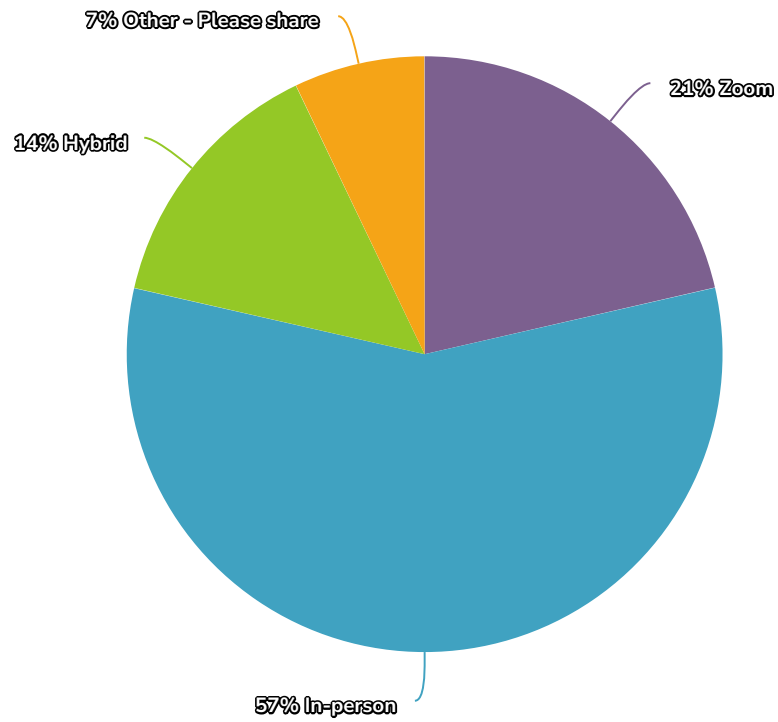
4. The hybrid workshop format, where participants can join virtually via Zoom or in-person, works well and is an effective format for IAC workshops.



Value		Percent	Responses
Agree		23.1%	3
Somewhat agree		23.1%	3
Somewhat disagree		7.7%	1
Disagree		38.5%	5
Neutral		7.7%	1

Totals: 13

5. Which format would you prefer be used for future IAC workshops?



Value	Percent	Responses
Zoom	21.4%	3
In-person	57.1%	8
Hybrid	14.3%	2
Other - Please share	7.1%	1

Totals: 14

Other - Please share	Count
Mix of Online and in-person	1
Totals	1

6. How can we improve future IAC workshops?

ResponseID Response

- | | |
|----|--|
| 5 | Pref. Online for work. If the idea is to get us to better collaborate than I sugg. a diff. intent for in-per. in person, I felt the enviro. was hostile and intense because some of those in attendance were not respectful in dealing w/ disagreements. |
| 7 | It is nigh on impossible for "facilitators" who do not understand the concepts or vernacular of the industry to provide any effective feedback. Their summaries of the points made were vague and their ability to communicate them with precision poor. |
| 8 | Virtual attendees feel left out during the breakout discussions. There were almost twice as many virtual attendees than there were in person. That leaves too many not able to effectively participate. Zoom needs to be used in breakout discussions |
| 10 | While my schedule didn't allow for me to make the trip to Metro Vancouver offices for this meeting, moving forward, I would make every effort to attend in person if this is the only way to join breakouts. A virtual breakout could have been useful. |
| 11 | Ask for topics prior to the workshop |
| 13 | I was blocked out of the break-out group discussion, at least my zoom feed went dead until 15:30. |
| 15 | Ensure that all participation in the workshop is respectful and professional. |
| 16 | Need to have the whole group together and have meaningful discussions. Needs to be in person to ensure engagement from all. Have everyone do homework before meeting and submit concerns and questions ahead of meeting. |