

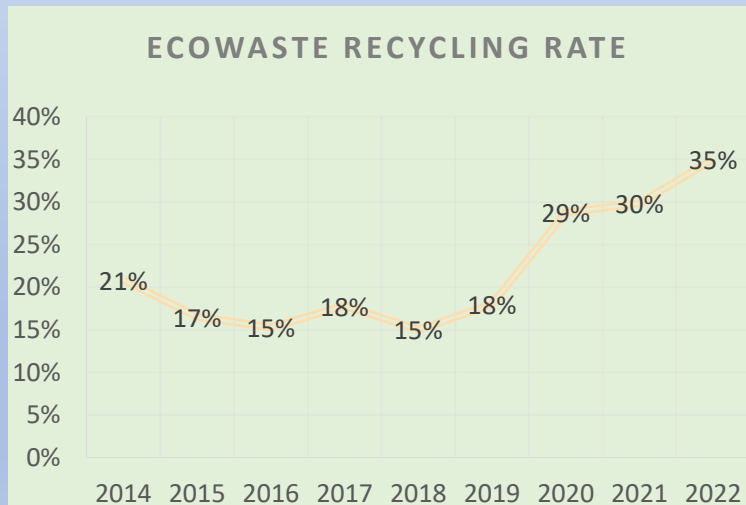


Ecowaste Industries Ltd Investing in C&D Diversion

WMABC – Feb 23, 2023
Christian Dietrich, VP of Recycling and Waste Services

Richmond Recycling Centre & Landfill

- 150 acre landfill permitted for C&D and used since the 1990's. 2 years of air space remaining.
- 2018 investment in concrete processing.
- 2019 investment in waste lumber to biomass processing.
- Diversion has grown from 14% in 2018 to 35% in 2022.



New Westminster – Spruce St Transfer Station

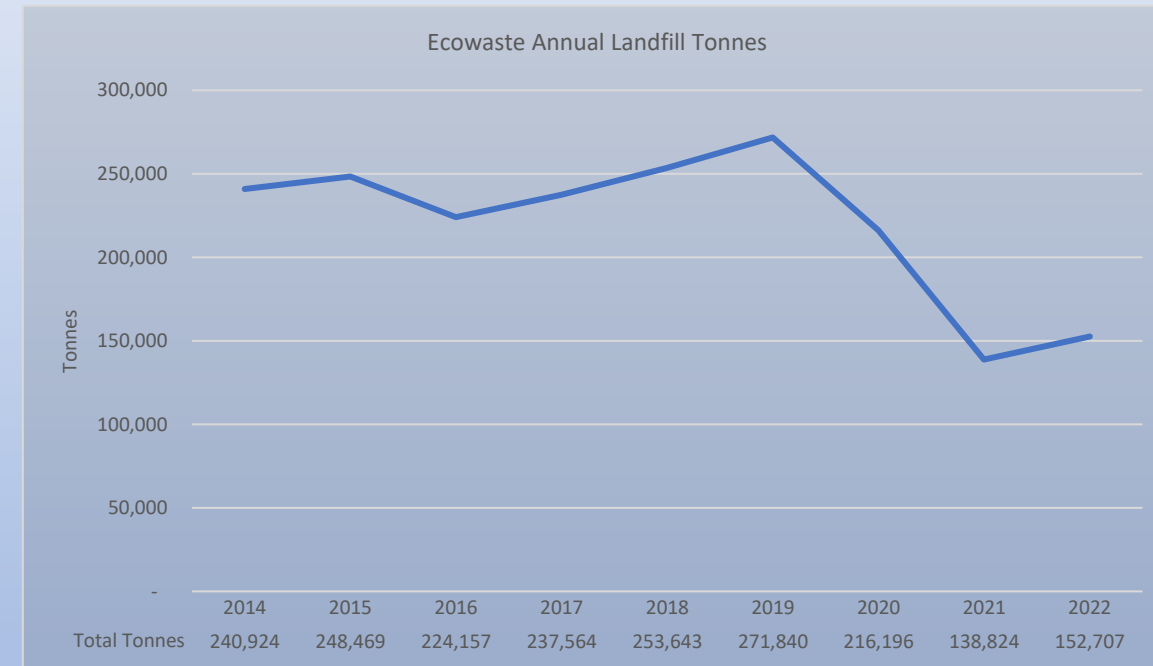
- C&D only.
- Investment and redesigned in 2019 to handle materials indoors.
- Central location - near Hwy 1, handles 80-100 vehicles per day.
- Average turnaround time is 8 minutes
- 40% Diversion rate.



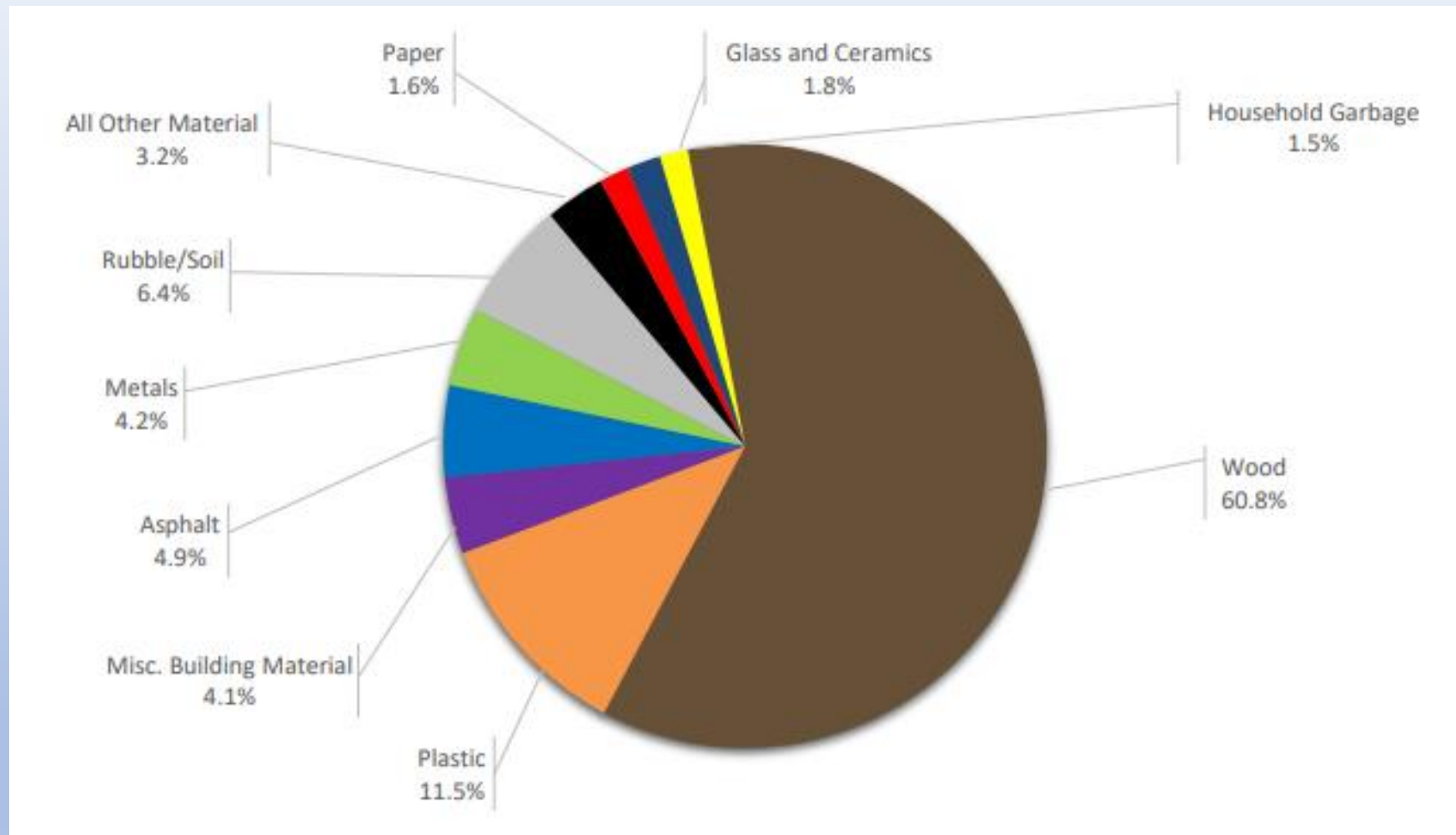
Regional C&D Volumes – Ecowaste Trends

Table 1: Metro Vancouver Recycling and Solid Waste Quantities in 2020

WASTE SECTOR	DISPOSED (tonnes)	RECYCLED (tonnes)	RECYCLING RATE ⁽³⁾ (%)
Residential	509,038	631,627	55%
Single Family ⁽¹⁾			
Population ⁽⁴⁾ = 1,634,477	269,485	485,419	64%
Multi-Family ⁽²⁾			
Population ⁽⁴⁾ = 1,132,476	239,554	146,208	38%
Commercial/Institutional ⁽²⁾	354,268	278,507	44%
Employees ⁽⁴⁾ = 1,411,980			
Construction & Demolition ⁽⁵⁾	382,007	1,350,904	78%
TOTAL	1,245,314	2,261,038	64%

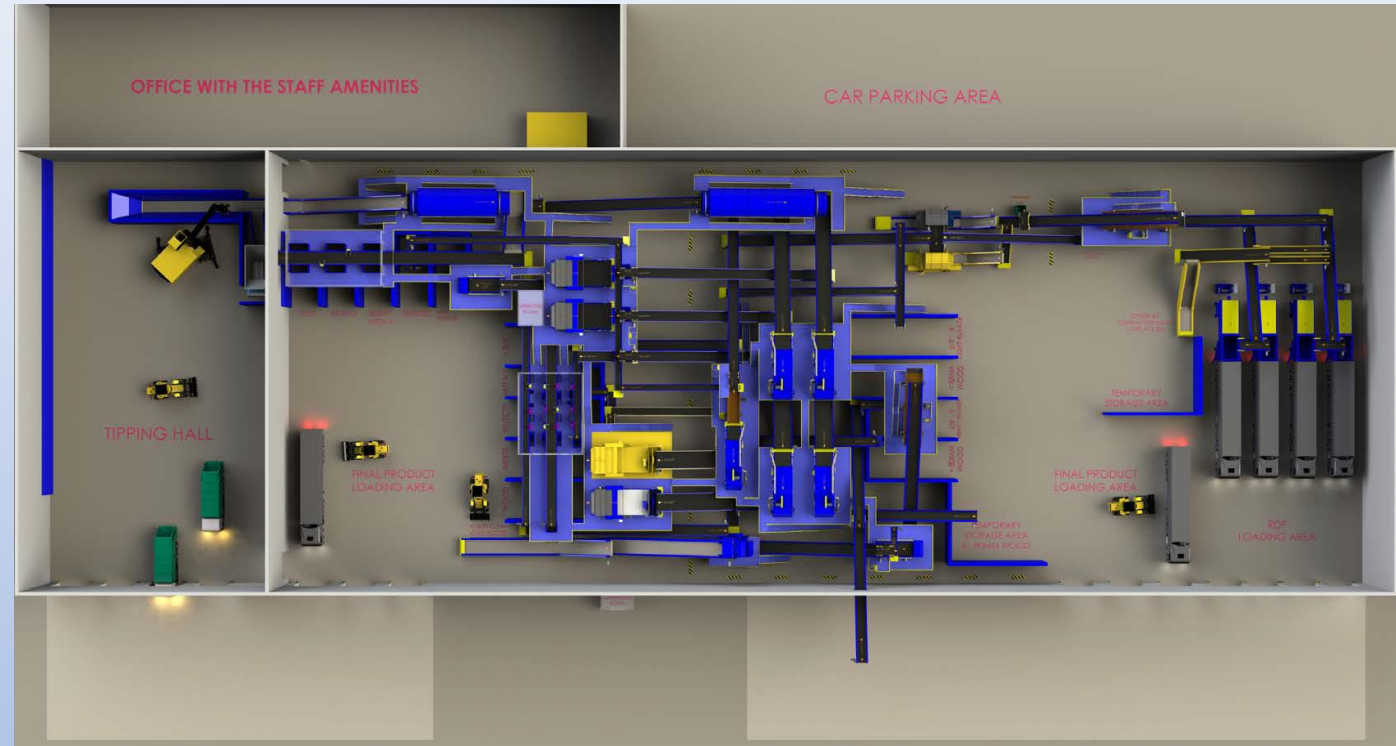


C&D Waste Composition by Weight



Ecowaste Future Diversion Plans

- Divert up to 50-60% of the current landfill material by use of specific recycling equipment and technology to target;
 - Wood/Biomass
 - Metal
 - Plastics



- Diversion is needed to conserve airspace.
- Continue to explore recycling technologies to reuse materials to a better or higher value.

Challenges to Diversion

- Ecowaste specific challenges -
 - Landfill extension
 - Permits and height extension
 - Long-term off-take agreements
 - Investment needs long-term outlook on off-take agreements and prices
- Industry specific challenges –
 - Markets for resale
 - Need to grow demand
 - Currently short-term agreements, 1-2 years
 - Biomass market services Forestry needs first, trading system
 - Need for testing/hitting a spec for reuse
 - What is driving change
 - Price/gate fees
 - Legislation -
 - Air space or lack of alternatives
 - Changes in carbon pricing