

Report 2024-COW 12

2024 Annual Climate Change Progress Report

Linda Gasser, Whitby
DYEC - the Elephant in the Room

Report 2024 COW-12, pages 11 & 12

Figure 4: Corporate GHG Emissions by Operational Area for 2023 (Preliminary Estimate)

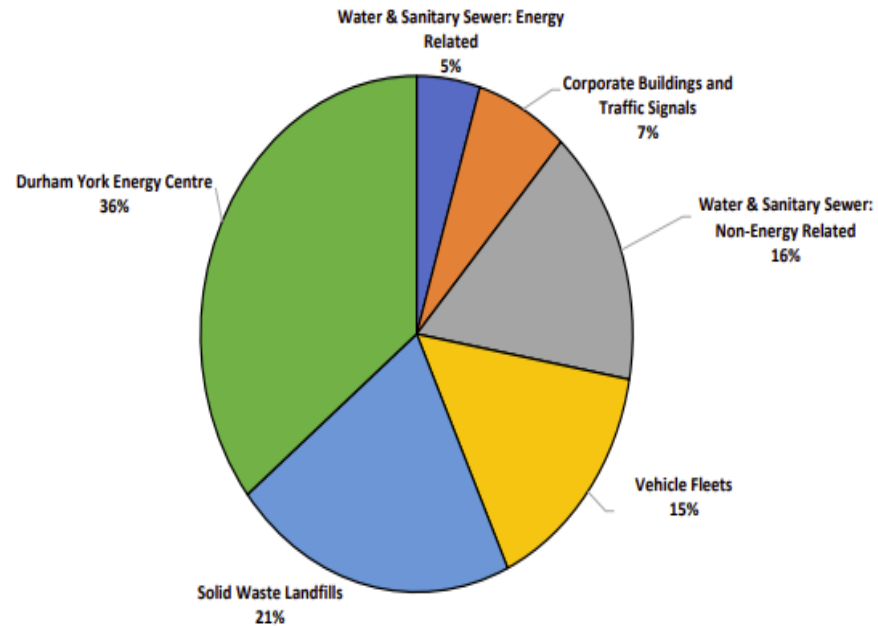
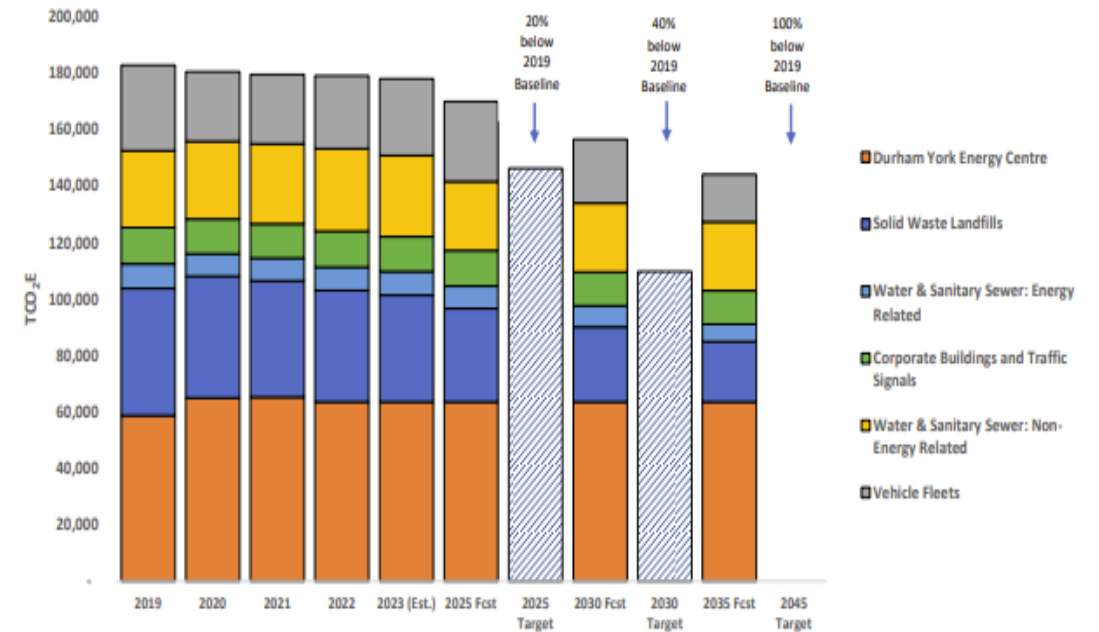


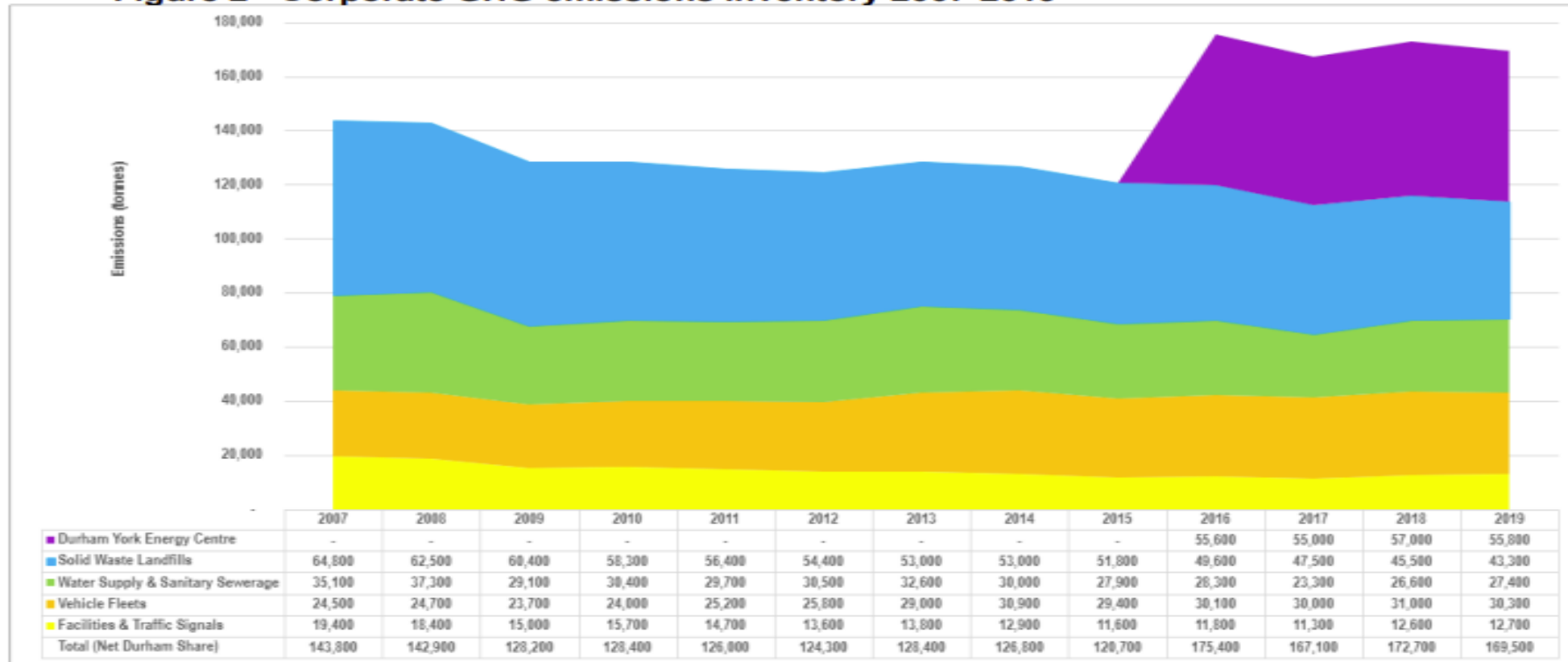
Figure 5: Durham Region Total Corporate Emissions, 2019 to 2023 (Estimated) (MtCO₂e)



DYEC's impact on Durham's corp. GHG emissions

Durham report 2021 A-3, Pg 7 Figure 2

Figure 2 - Corporate GHG emissions inventory 2007-2019



NRPI:https://pollution-waste.canada.ca/national-release-inventory/?fromYear=2022&toYear=2022&name=Durham%20York%20Energy%20Centre&direction=ascending&order=NPRI_Id&length=10&page=1

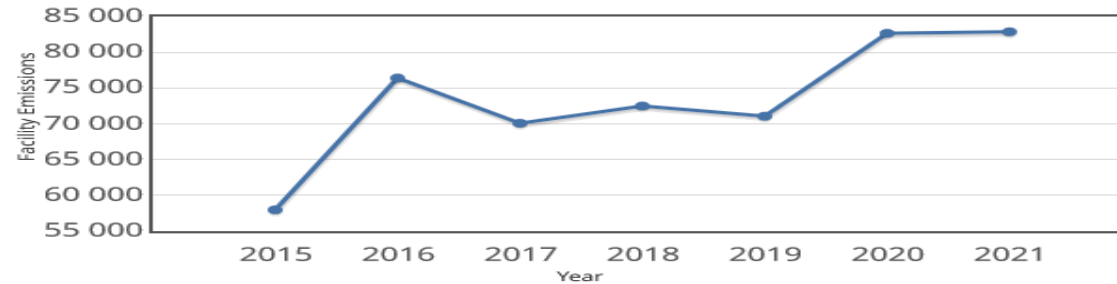


NPRI ID	GHGRP ID	Year	Company	Facility	City	Province	NAICS	Report type
29003	G10805	2022	Covanta Durham York Renewable Energy Limited Partnership	Durham York Energy Centre	Courtice	Ontario	562210	NPRI Inventory

Ask WHY staff assumed constant reportable DYEC GHGs. Need a transparent PUBLIC accounting of all GHG reporting of DR & DYEC
NRPI: <https://climate-change.canada.ca/facility-emissions/GHGRP-G10805-2022.html?GocTemplateCulture=en-CA&external=true>

Annual Reported Emissions

Facility Emissions (tonnes CO₂ eq) by Year



Facility Emissions (tonnes CO₂ eq) by Year

<u>Year</u>	<u>Emissions</u> (tonnes CO ₂ eq)
2015	57 976
2016	76 404
2017	70 078
2018	72 494
2019	71 070
2020	82 655
2021	82 868

DYEC – GHG emissions

Report 2024 COW-12 (2023 estimate)

Total DR Corporate: 178,000 TCO_{2e}
 Staff claim DYEC = 36% total corp.

64,080 T

Durham’s 78.6% of 2019 TOTAL
 DYEC GHGS at 140K tpy = 125,402

Dec. 2021 DYEC Env. Screening Report
 re 2019 GHGs Page 60

from DYEC

DYEC (Tonnes Processible)	GHG Contribution (tonnes CO ₂ eq)
140,000	159,545
160,000	182,337

Figure 3: A summary of the DYEC CO2e Annual Emissions from 2015-2019

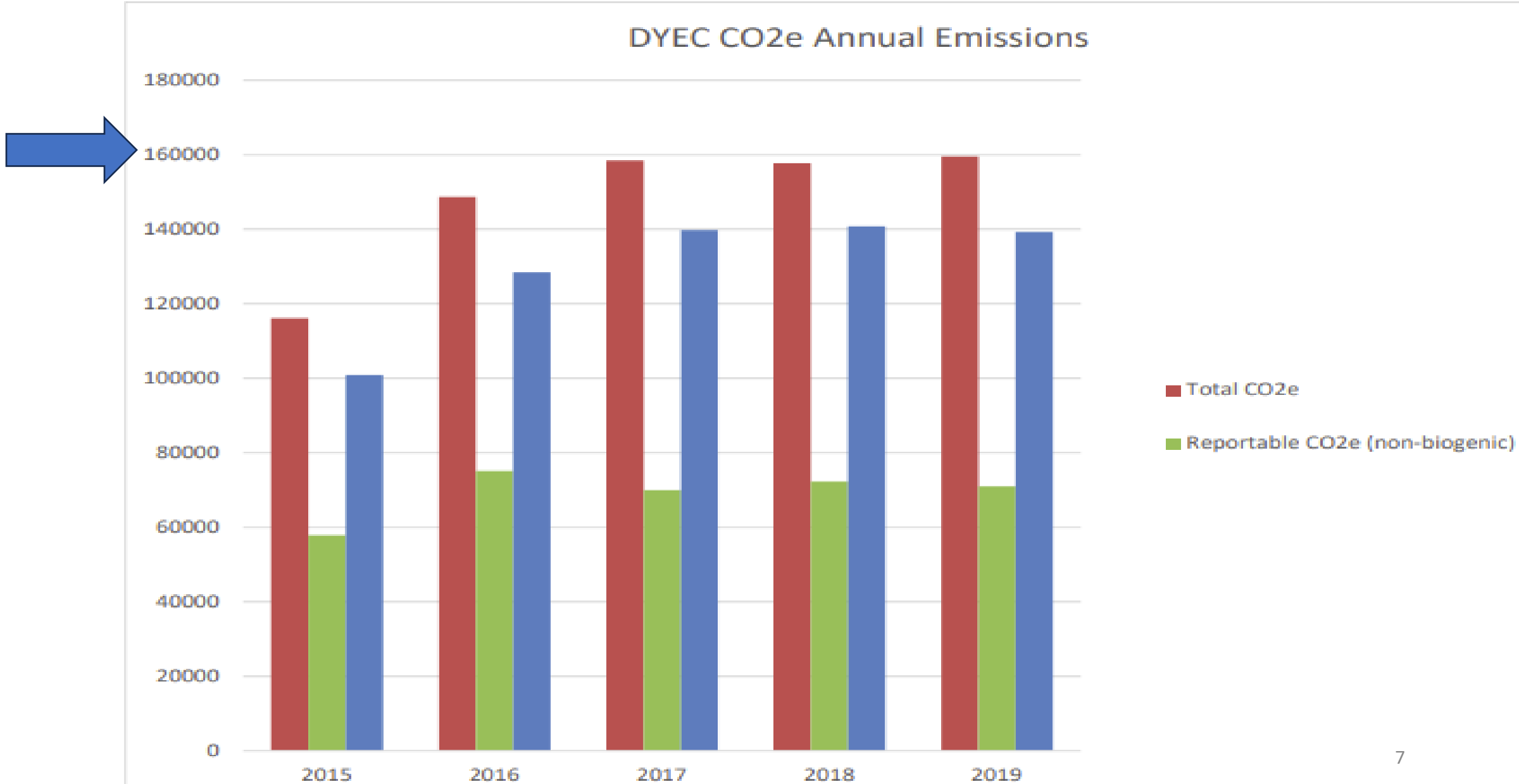
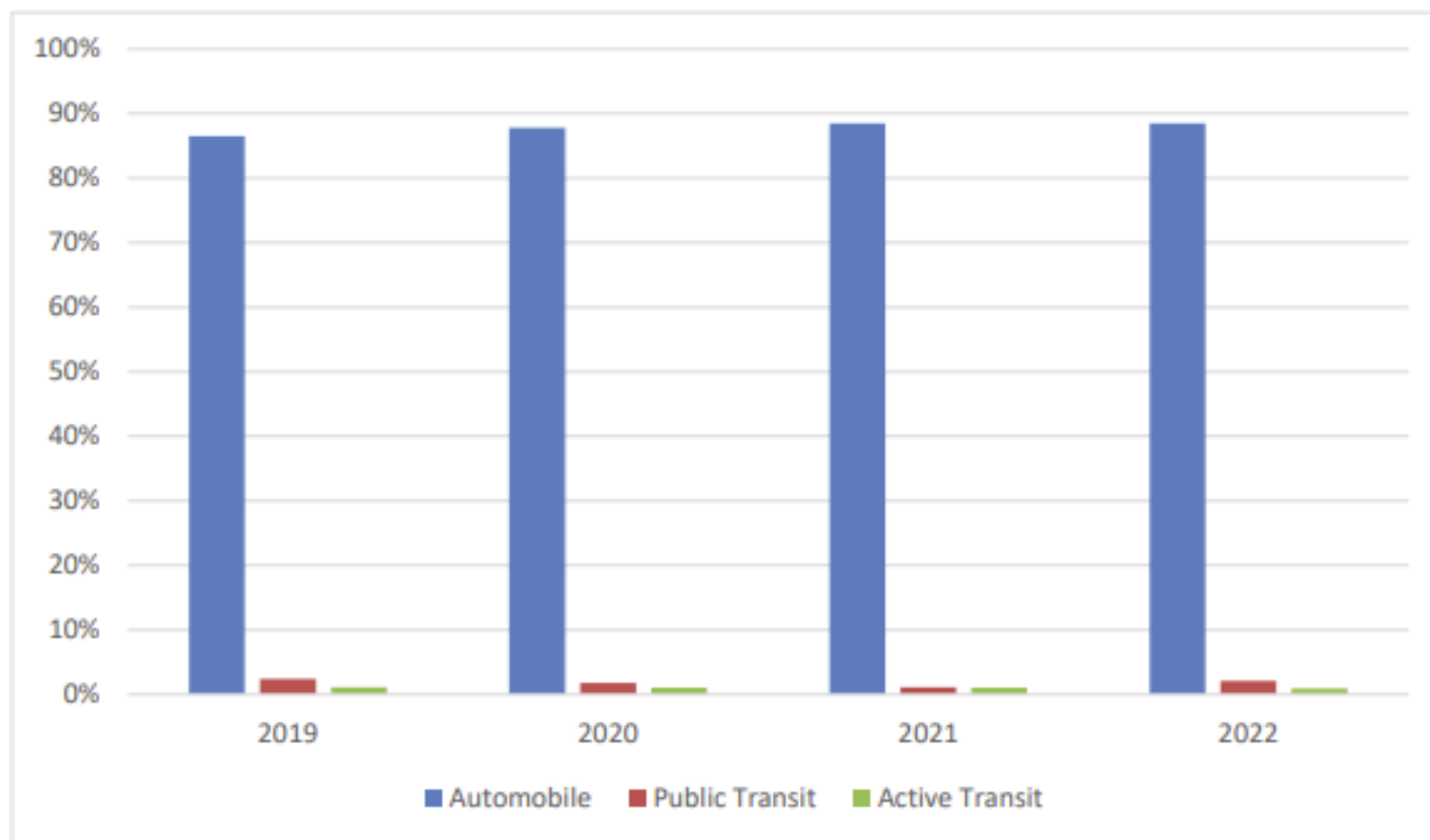


Figure 3: Durham Region – Percentage of total trips per mode¹



- b. The Region has a critical role to play in enabling low carbon mobility through public transit service, and through investment in active transportation infrastructure through the Regional Cycling Plan, including strengthening its Transportation Demand Management (TDM) offerings and policies under its Smart Mobility Durham program.

DYEC is the elephant in the room

- Council needs to get a clear accounting of DYEC's GHG emissions.
- If capacity increased to 160K tpy **total** DYEC GHGs = approx. 80% of 2023 total corp. GHGs
- Over \$200 million federal gas tax dollars SQUANDERED on Durham's 78.6% share of DYEC
- DYEC is NOT a low carbon source of energy. You can't burn your way to a low carbon future.
- Durham's foray into District Energy reliant on DYEC steam/heat is ridiculous and wasteful greenwashing.
- Only after ALL essential priorities like transit, public housing & homelessness supports & essential infrastructure are met, should you consider District Energy.

Climate Change is a Human Rights Issue

- IF Durham is serious about reducing corporate GHGs, council should immediately cancel the staff proposed DYEC capacity increase from 140,000 tpy to 160,000.
- Works Committee must get serious about strategies to REDUCE garbage tonnage.
- Transit GROSSLY UNDERFUNDED for decades including in 2024 budget
- Priority should be increase \$\$ to transit which improves affordability,/quality of life & Region's economic prosperity while REDUCING Community GHGs and air pollution.
- <https://www.cbc.ca/news/world/european-human-rights-court-climate-1.7167866>

*The European Court of Human Rights (ECHR) ruled on Tuesday in favour of a group of elderly Swiss women who had argued that **their government's inadequate efforts to combat climate change put them at risk of dying during heat waves....** She also noted the Swiss government had failed to meet its past greenhouse gas emission reduction targets, by not putting in place measures to ensure the goals were achieved.*

BC's 2021 Heat Dome- 619 deaths: <https://news.gov.bc.ca/releases/2022PSSG0035-000911>

Thank you for your attention. QUESTIONS?