

2020 SUMMARY OF CORPORATE CARBON EMISSIONS

Did your local government measure corporate GHG emissions for 2020?

Yes

If your local government measured 2020 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent (tCO₂e)) from:

Service Delivery Type	2020 Corporate GHG Emissions
Services Delivered Directly by your Local Government	413
Contracted Services	30.8

TOTAL A - CORPORATE GHG EMISSIONS (DIRECT + CONTRACTED) FOR 2020:

443.8

2020 CARBON REDUCTIONS

If applicable, please report the 2020 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO₂e)) being claimed from any of the following Option 1 GHG Reduction Projects:

Option 1 GHG Reduction Projects	2020 GHG Emissions Reductions
1A Energy Efficiency Retrofits	
1B Solar Thermal	
1C Household Organic Waste	244.2
1D Low Emission Vehicles	
1E Avoided Forest Conversion	
1F Trenchless Technology	

TOTAL B - REDUCTIONS FROM ALL OPTION 1 PROJECTS FOR 2020:

244.2

Corporate GHG Emissions Balance for 2020

Your local government's corporate GHG emissions balance is the difference between total corporate offsetable GHG emissions (direct + contracted emissions) and the GHG emissions reduced through Green Communities Committee Option 1 and Option 2 projects and/or the purchase of offsets.

CORPORATE GHG EMISSIONS BALANCE FOR 2020 = (Total A – (B+C+D))

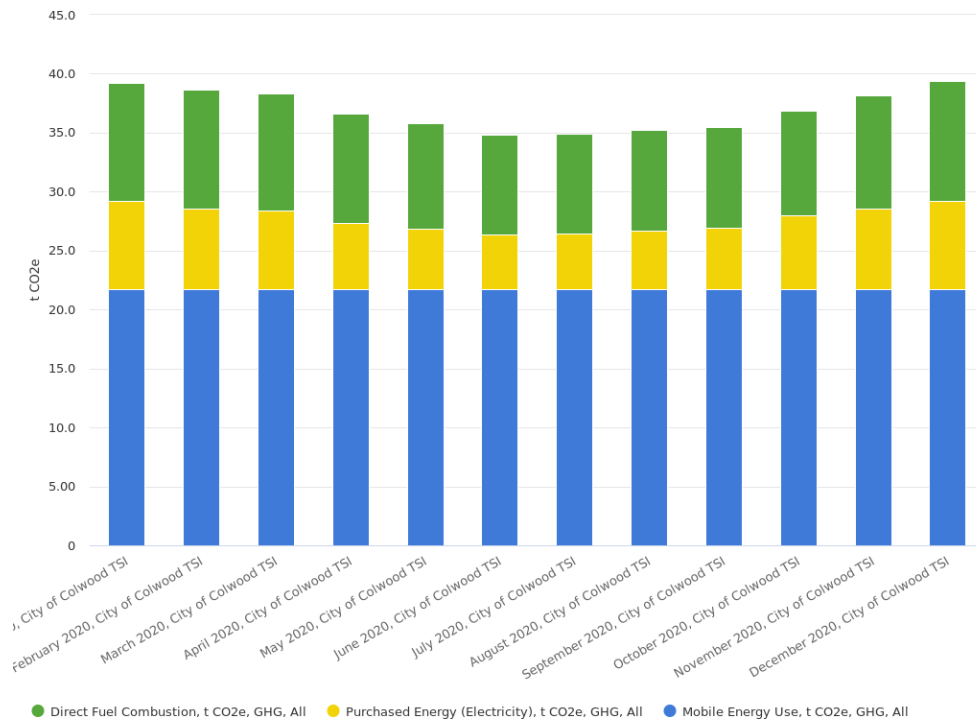
199.6



2020 BC Traditional Services GHG Inventory

<u>Reporting Entity:</u>	City of Colwood
<u>Reporting Year:</u>	Calendar Year 2020
<u>Inventory Scope:</u>	BC Traditional Services Inventory "TSI"
<u>Quantification Methodology:</u>	2020 B.C. Best Practices Methodology for Quantification GHG Emissions, Local Governments & Public Sector Organizations
<u>System Support:</u>	SoFi GHG Reporting by GHG Accounting Services
<u>Data collection:</u>	City of Colwood
<u>Data Entry:</u>	Data Upload

Total TSI GHG Inventory: 443 t CO₂e



Total Energy Consumption by Energy Type for Traditional Services Inventory:

	City of Colwood TSI	
Natural Gas Stationary [GJ]		2,222
Propane [l]		666
Electricity [kWh]		1,782,199
Gasoline [l]		35,494
Diesel [l]		65,972
Biodiesel (B100) [l]		539

Category 1:

	City of Colwood TSI				
	GJ, Energy	t CO ₂	t CH ₄	t N ₂ O	t CO ₂ e, GHG, Category 1
Direct Fuel Combustion	2,222	110	0.002222	0.001999	111

Category 2:

	City of Colwood TSI	
	kWh	t CO ₂ e, GHG, Category 2
Purchased Energy (Electricity)	1,782,199	71

Category 3:

	City of Colwood TSI				
	GJ, Energy	t CO ₂	t CH ₄	t N ₂ O	t CO ₂ e, GHG, Category 3
Mobile Energy Use	3,805	249	0.023545	0.037235	261

Biogenic GHG Emissions:

	City of Colwood TSI		
	t Bio CH ₄	t Bio CO ₂	t Bio CO ₂ e, GHG
Direct Fuel Combustion			
Mobile Energy Use	1.95	10.6	10.5
Total	1.95	10.6	10.5

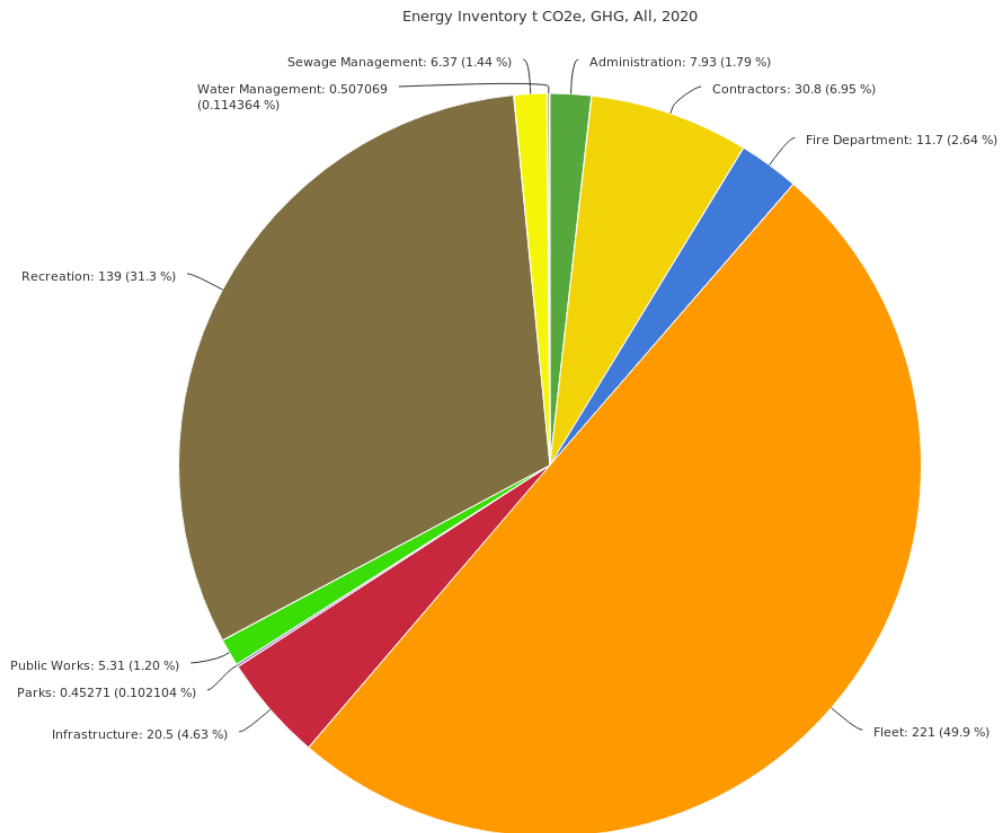
Totals by Service Delivery:

	Delivered Directly	Contracted	Total
	t CO ₂ e, GHG, All	t CO ₂ e, GHG, All	
2020	413	30.8	443

Summary:

	2020	Total
	Energy Inventory GJ, Energy, All	
City of Colwood TSI	12,443	443

Overview by Service Areas:



Top GHG Emitters:

	t CO ₂ e, GHG	%
Total City of Colwood TSI	443	100
Fleet	221	49.9
Recreation	139	31.3