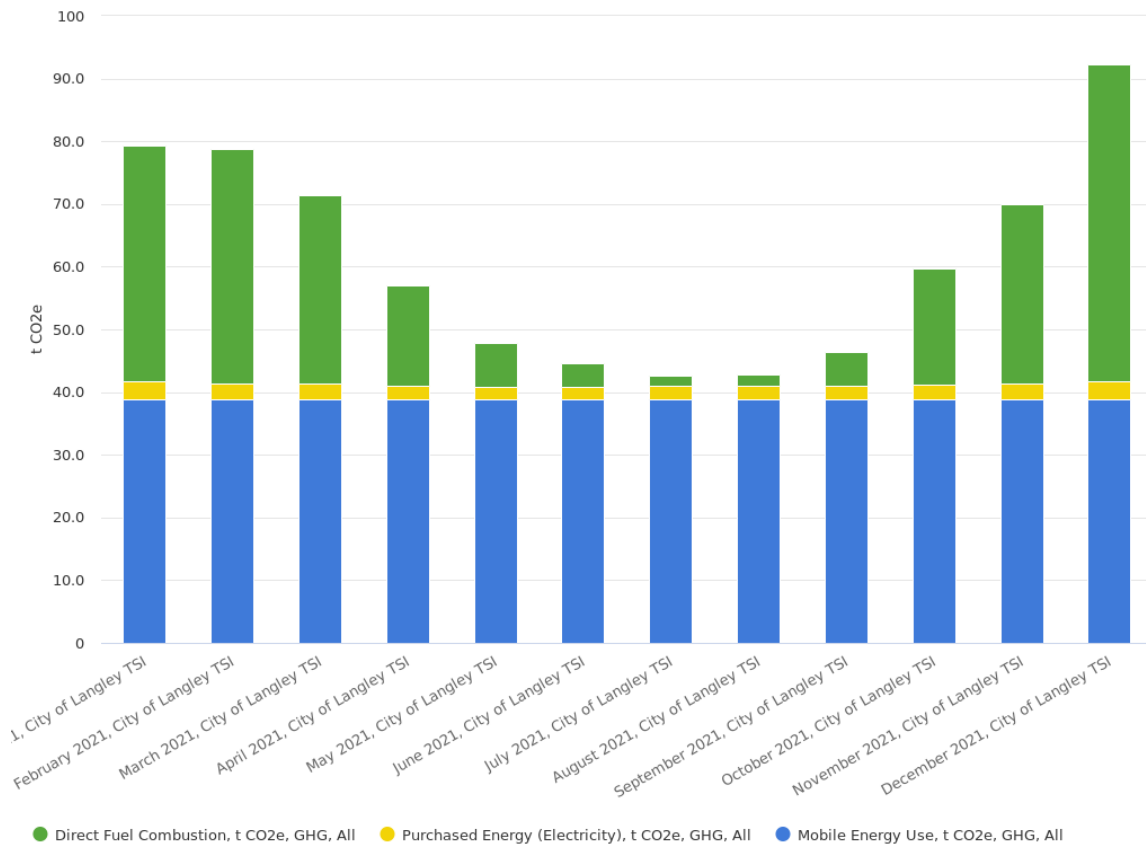




2021 BC Traditional Services GHG Inventory

<u>Reporting Entity:</u>	City of Langley
<u>Reporting Year:</u>	Calendar Year 2021
<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 Langley
<u>Data Entry:</u>	Data Upload

Total TSI GHG Inventory: 733 t CO₂e



Total Energy Consumption by Energy Type for Traditional Services Inventory:

	City of Langley TSI	
Natural Gas Stationary [GJ]		4,777
Propane [l]		601
Electricity [kWh]		2,940,644
Gasoline [l]		73,623
Diesel [l]		112,031

Category 1:

	City of Langley TSI				
	GJ, Energy	t CO ₂	t CH ₄	t N ₂ O	t CO ₂ e, GHG, Category 1
Direct Fuel Combustion	4,777	237	0.004777	0.004299	238

Category 2:

	City of Langley TSI	
	kWh	t CO ₂ e, GHG, Category 2
Purchased Energy (Electricity)	2,940,644	29

Category 3:

	City of Langley TSI				
	GJ, Energy	t CO ₂	t CH ₄	t N ₂ O	t CO ₂ e, GHG, Category 3
Mobile Energy Use	6,883	451	0.024492	0.04998	466

Biogenic GHG Emissions:

	City of Langley TSI		
	t Bio CH ₄	t Bio CO ₂	t Bio CO ₂ e, GHG, All
Direct Fuel Combustion			
Mobile Energy Use		16.6	16.6
Total		16.6	16.6

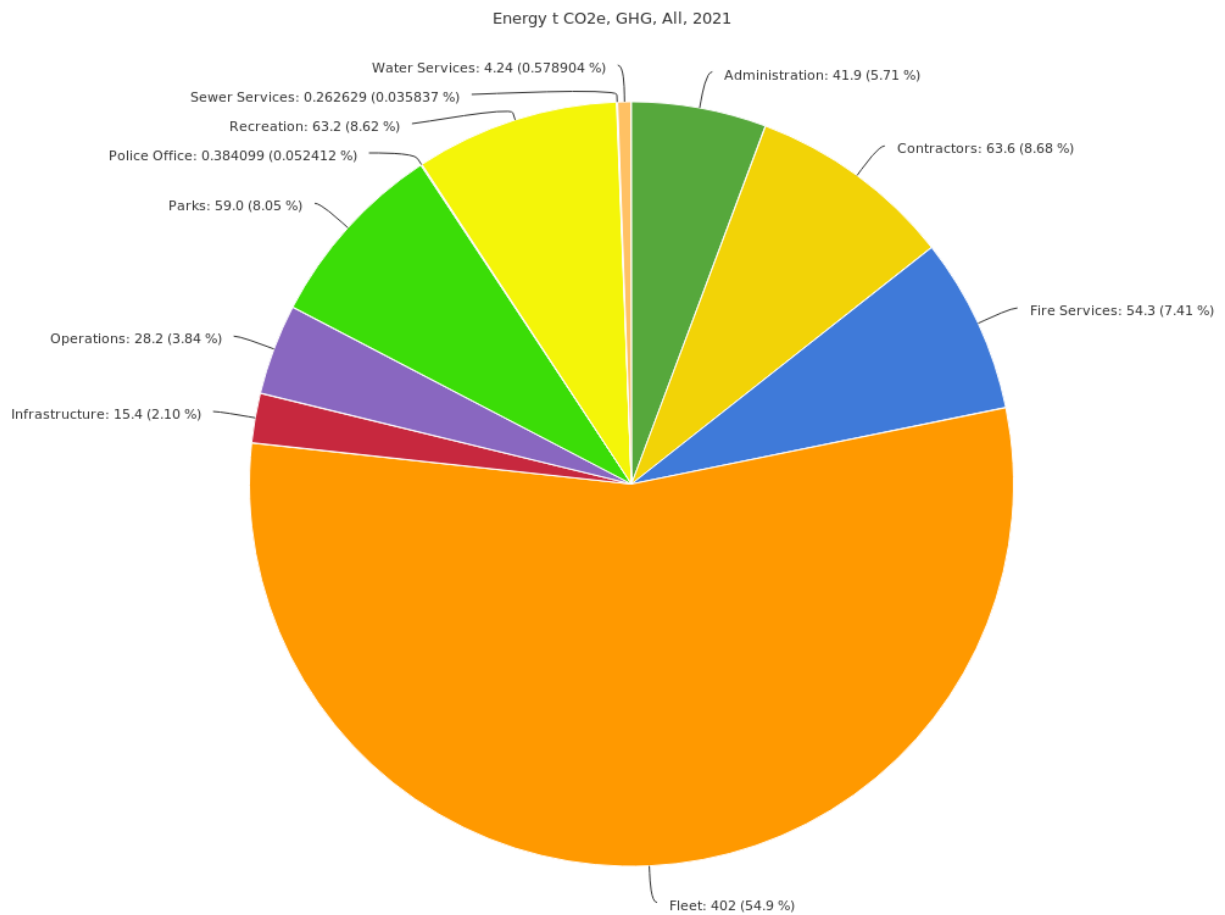
Totals by Service Delivery:

	City of Langley Delivered Directly	City of Langley Contracted Services	Total
	Energy Inventory t CO ₂ e, GHG, All	Energy Inventory t CO ₂ e, GHG, All	
2021	669	64	733

Summary:

	2021	
	Energy Inventory	Total
	t CO ₂ e, GHG, All	
City of Langley TSI	733	733

GHG Overview by Service Areas:



Top GHG Emitter

	t CO ₂ e, GHG	%
Total City of Langley TSI	733.0	100
Fleet	402.0	54.9
Contractors	63.6	8.7
Recreation	63.2	8.6



Carbon Neutrality Status:

	City of Langley TSI
	t CO ₂ e
Offsets Required	733
Option 1C: Household Organic Waste Composting	518
Option 1E: Project Profile Avoided Forest Conversion (AFC)	
Offsets from Previous Years	
Offsets Acquired	
Carbon Neutrality Status	215