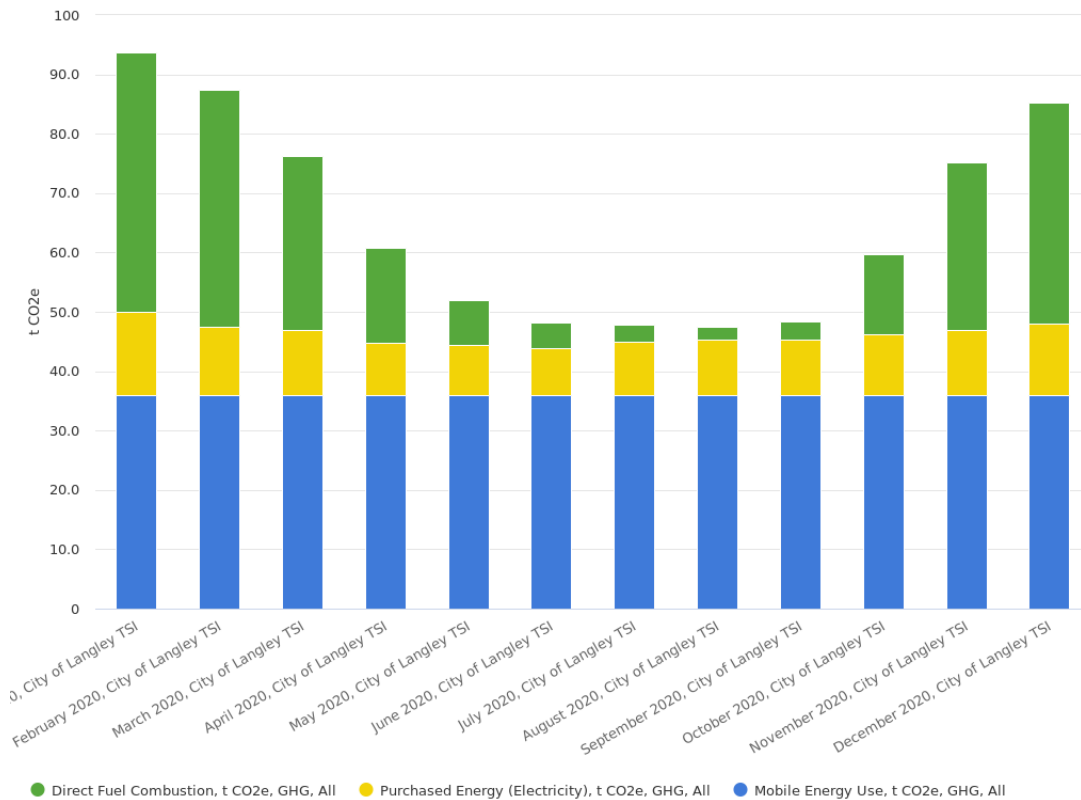




2020 BC Traditional Services GHG Inventory

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

Total TSI GHG Inventory: 782 t CO₂e



Total Energy Consumption by Energy Type for Traditional Services Inventory:

	City of Langley TSI	
Natural Gas Stationary [GJ]		4,568
Propane [l]		537
Electricity [kWh]		3,076,398
Gasoline [l]		65,128
Diesel [l]		104,432

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	4,568	227	0.004568	0.004112	228

Category 2:

	City of Langley TSI	
	kWh	t CO ₂ e, GHG, Category 2
Purchased Energy (Electricity)	3,076,398	123

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	6,293	414	0.024813	0.056356	431

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		15.3	15.3
Total		15.3	15.3

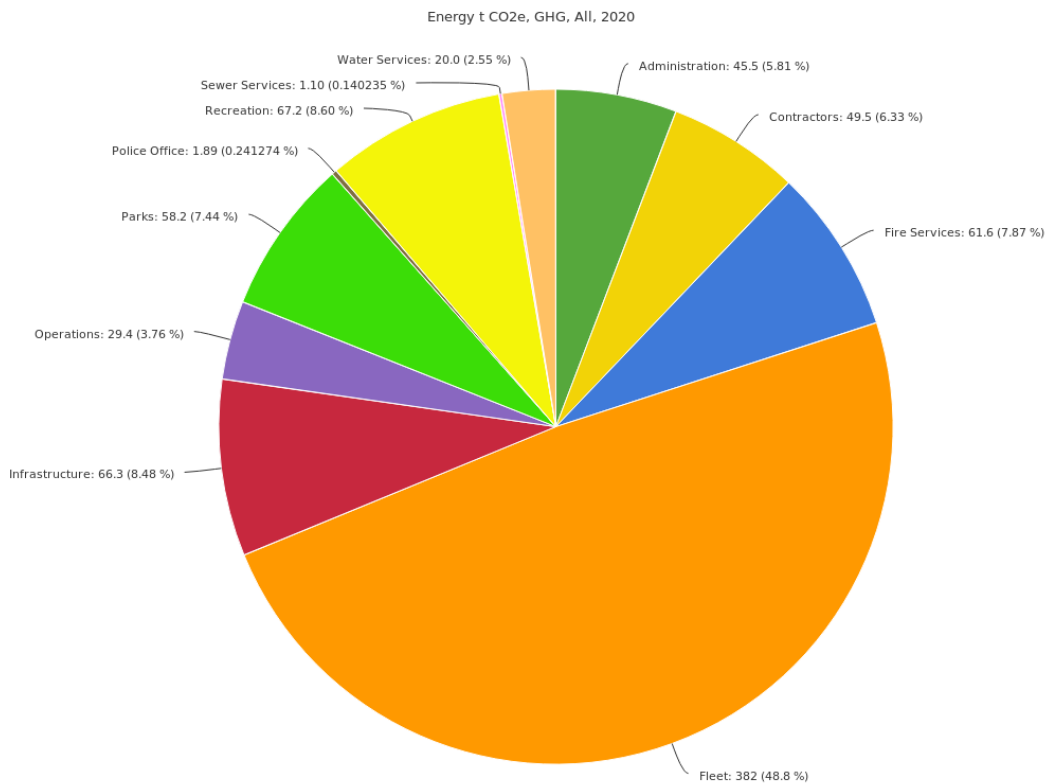
Totals by Service Delivery:

	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	
2020	733	49	782

Summary:

	2020	
	Energy Inventory t CO ₂ e, GHG, All	Total
City of Langley TSI	782	782

GHG Overview by Service Areas:



Top GHG Emitter

	t CO ₂ e, GHG	%
Total City of Langley TSI	782.0	100
Fleet	382.0	48.8
Recreation	67.2	8.6
Infrastructure	66.3	8.5



Carbon Neutrality Status:

	City of Langley TSI
	t CO ₂ e
Offsets Required	782
Option 1C: Household Organic Waste Composting	574
Option 1E: Project Profile Avoided Forest Conversion (AFC)	
Offsets from Previous Years	
Offsets Acquired	
Carbon Neutrality Status	208