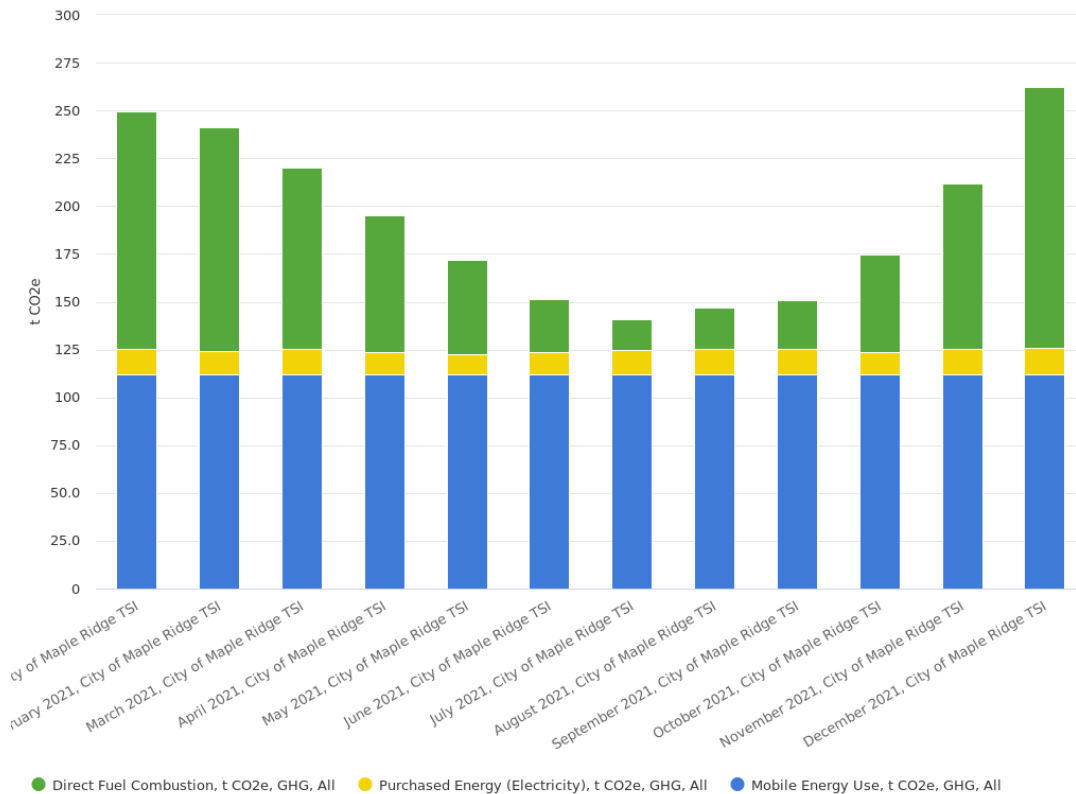




## 2021 BC Traditional Services GHG Inventory

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

**Total TSI GHG Inventory: 2,316 t CO<sub>2</sub>e**





**Total Energy Consumption by Energy Type for Traditional Services Inventory:**

	City of Maple Ridge TSI	
Natural Gas Stationary [GJ]		16,470
Propane [l]		280
Diesel Fuel [l]		
Electricity [kWh]		15,200,807
Gasoline [l]		228,222
Diesel [l]		308,640
Electricity Mobile [kWh]		729
Gasoline – Car [l]		207

**Category 1:**

	City of Maple Ridge TSI				
	GJ, Energy	t CO <sub>2</sub>	t CH <sub>4</sub>	t N <sub>2</sub> O	t CO <sub>2</sub> e, GHG, Category 1
Direct Fuel Combustion	16,477	817	0.016477	0.014854	822

**Category 2:**

	City of Maple Ridge TSI	
	kWh	t CO <sub>2</sub> e, GHG, Category 2
Purchased Energy (Electricity)	15,200,807	147

**Category 3:**

	City of Maple Ridge TSI				
	GJ, Energy	t CO <sub>2</sub>	t CH <sub>4</sub>	t N <sub>2</sub> O	t CO <sub>2</sub> e, GHG, Category 3
Mobile Fuel Use	19,811	1,295	0.094371	0.166.45	1,347

**Biogenic GHG Emissions:**

	City of Maple Ridge TSI		
	t Bio CH <sub>4</sub>	t Bio CO <sub>2</sub>	t Bio CO <sub>2</sub> e, GHG, All
Direct Fuel Combustion			
Mobile Energy Use		47.7	47.7
Total		47.7	47.7

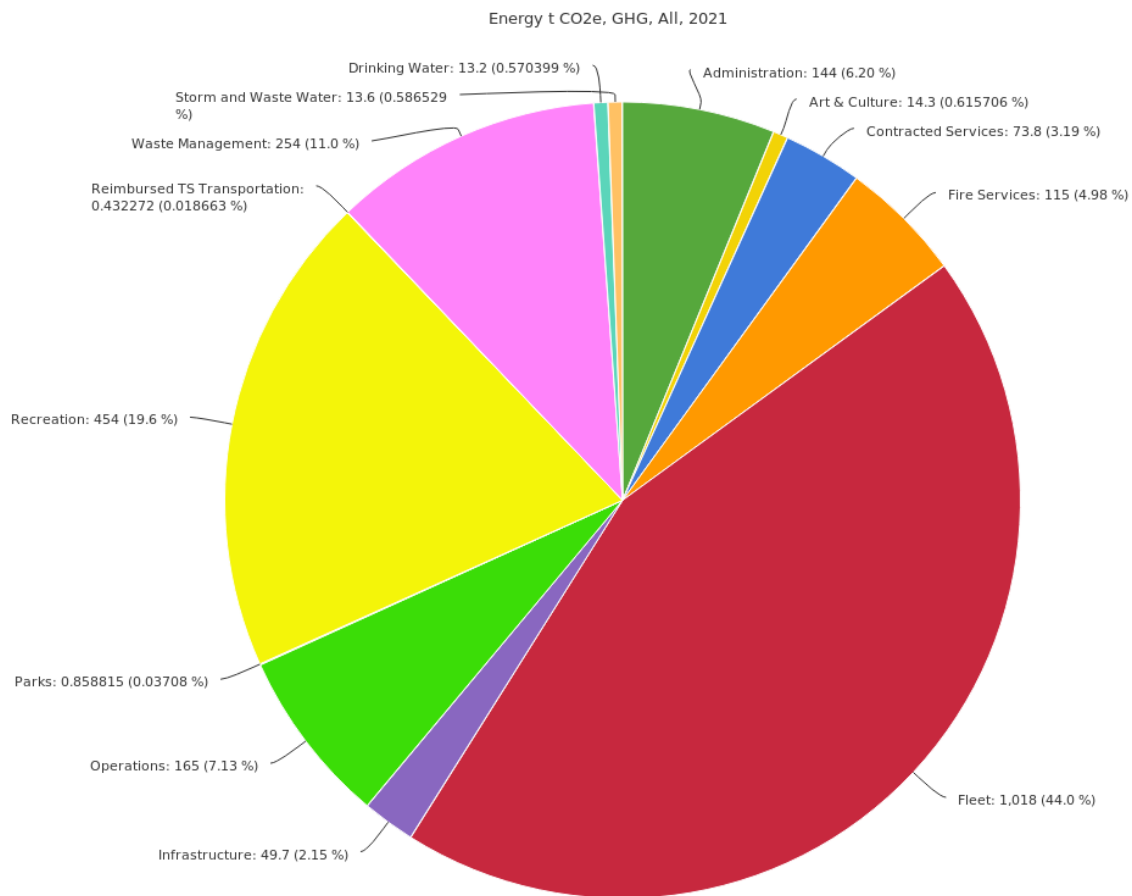
### Totals by Service Delivery:

	City of Maple Ridge Delivered Directly	City of Maple Ridge Contracted Services	Total
	Energy Inventory t CO <sub>2</sub> e, GHG, All	Energy Inventory t CO <sub>2</sub> e, GHG, All	
2021	1,988	328	2,316

### Summary:

	2021	Total
	Energy Inventory t CO <sub>2</sub> e, GHG, All	
City of Maple Ridge TSI	<u>2,316</u>	2,316

### Overview by Service Areas:





### Offset Summary:

	City of Maple Ridge 2020
	t CO <sub>2</sub> e
Offsets Required	<u>2,316</u>
Option 1C: Household Organic Waste Composting	
Option 1D: Low Emission Vehicles	
Offsets Acquired	
Offsets from Previous Years	
Carbon Neutrality Status	<b>2,316</b>

### Top GHG Emitter

	t CO <sub>2</sub> e, GHG	%
Total City of Maple Ridge TSI	2,316	100
Fleet	1,018	44
Recreation	454	20