

# TMBC

## Net Zero Project

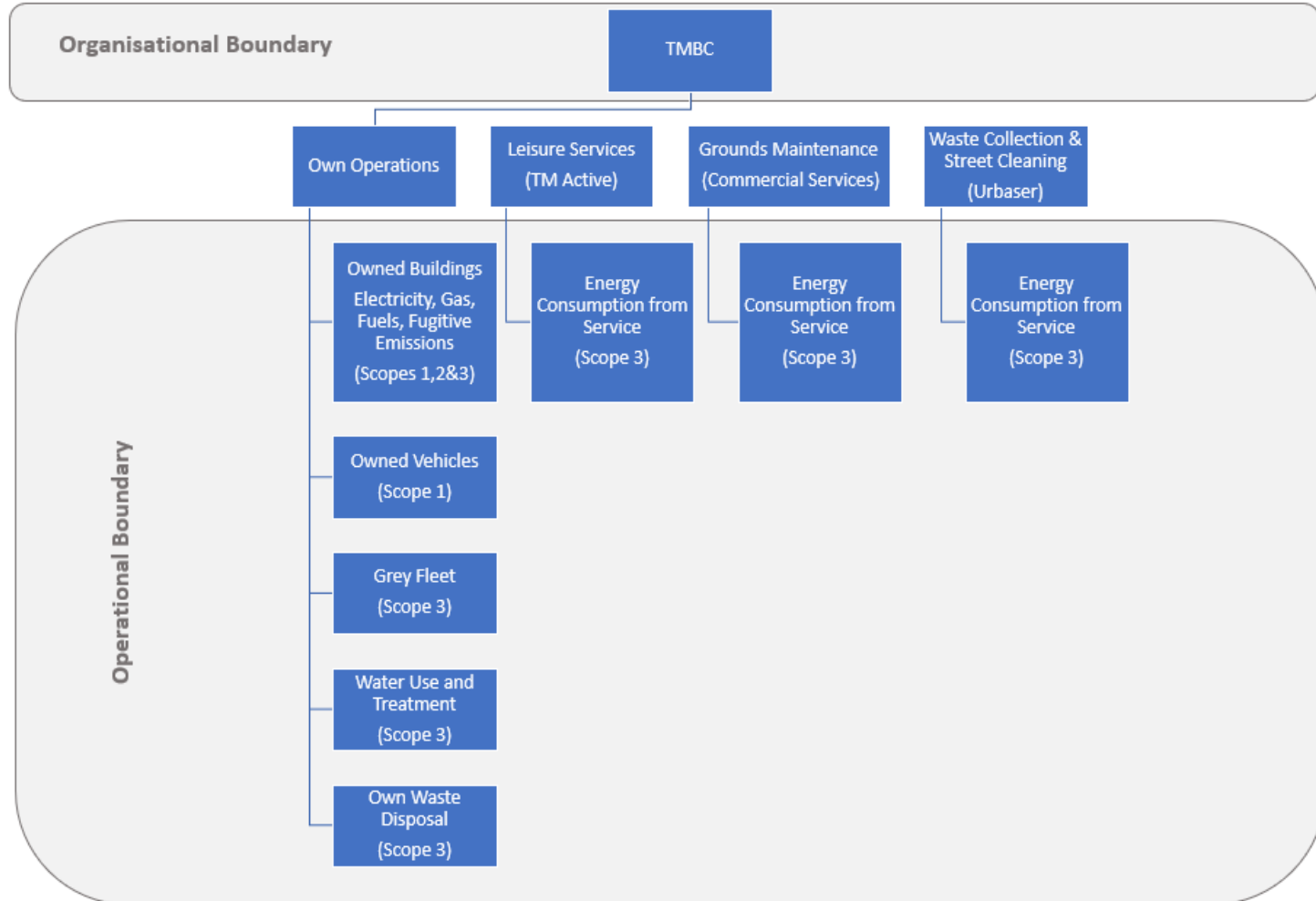
# Carbon Footprint & BAU Forecast

Date: 9<sup>th</sup> February 2021

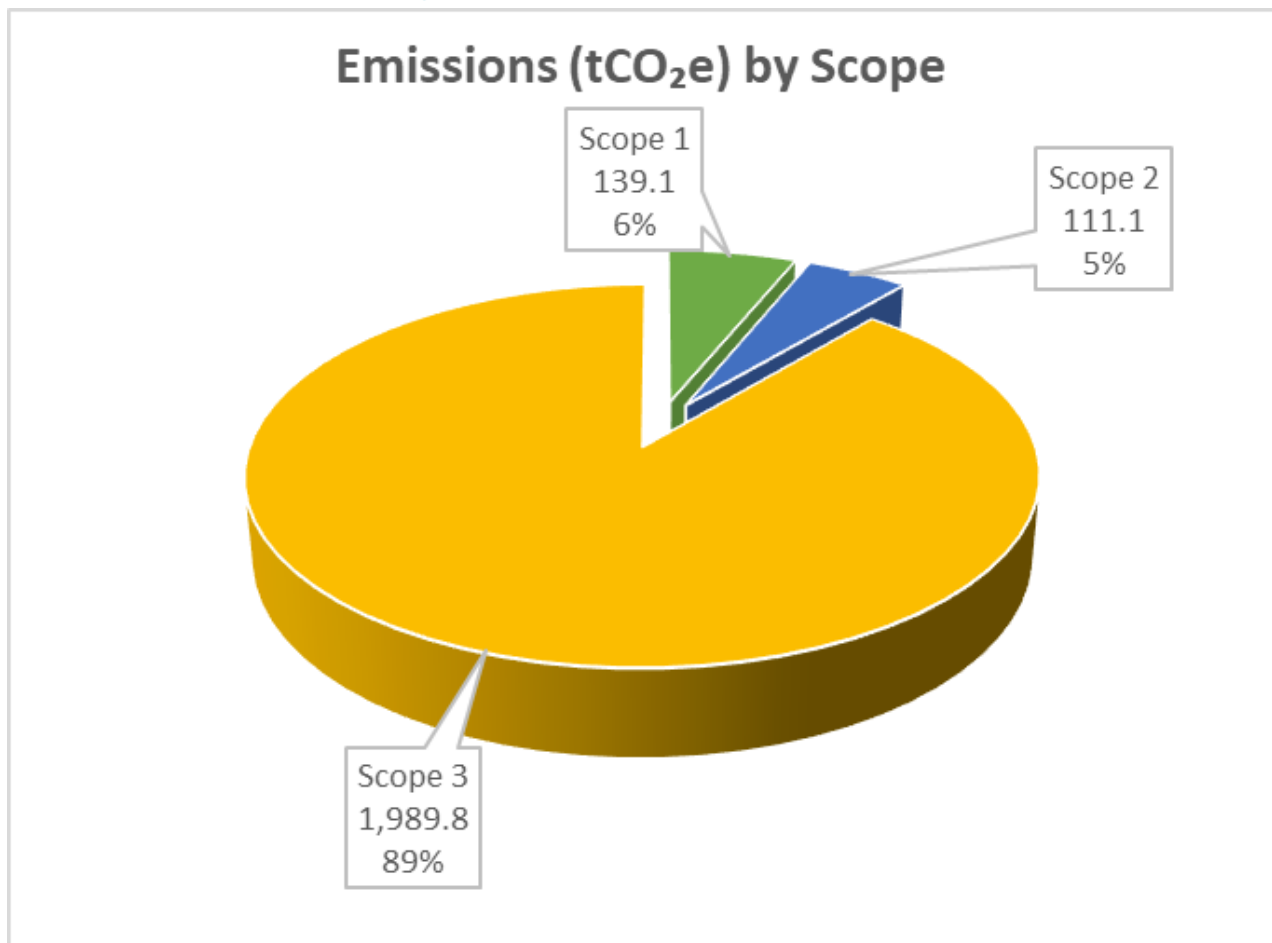
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# Scoping Recap

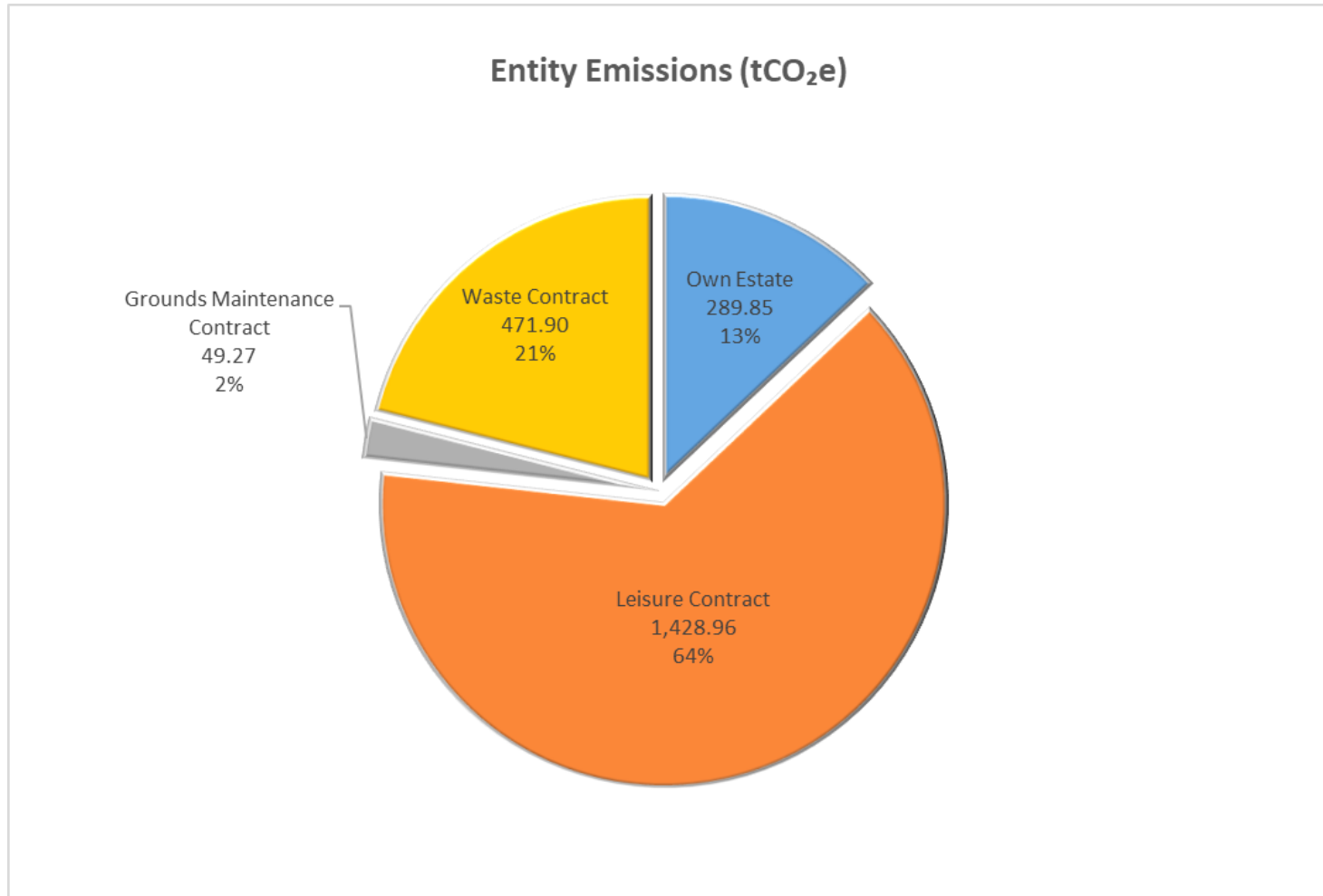


# Emissions by Scope

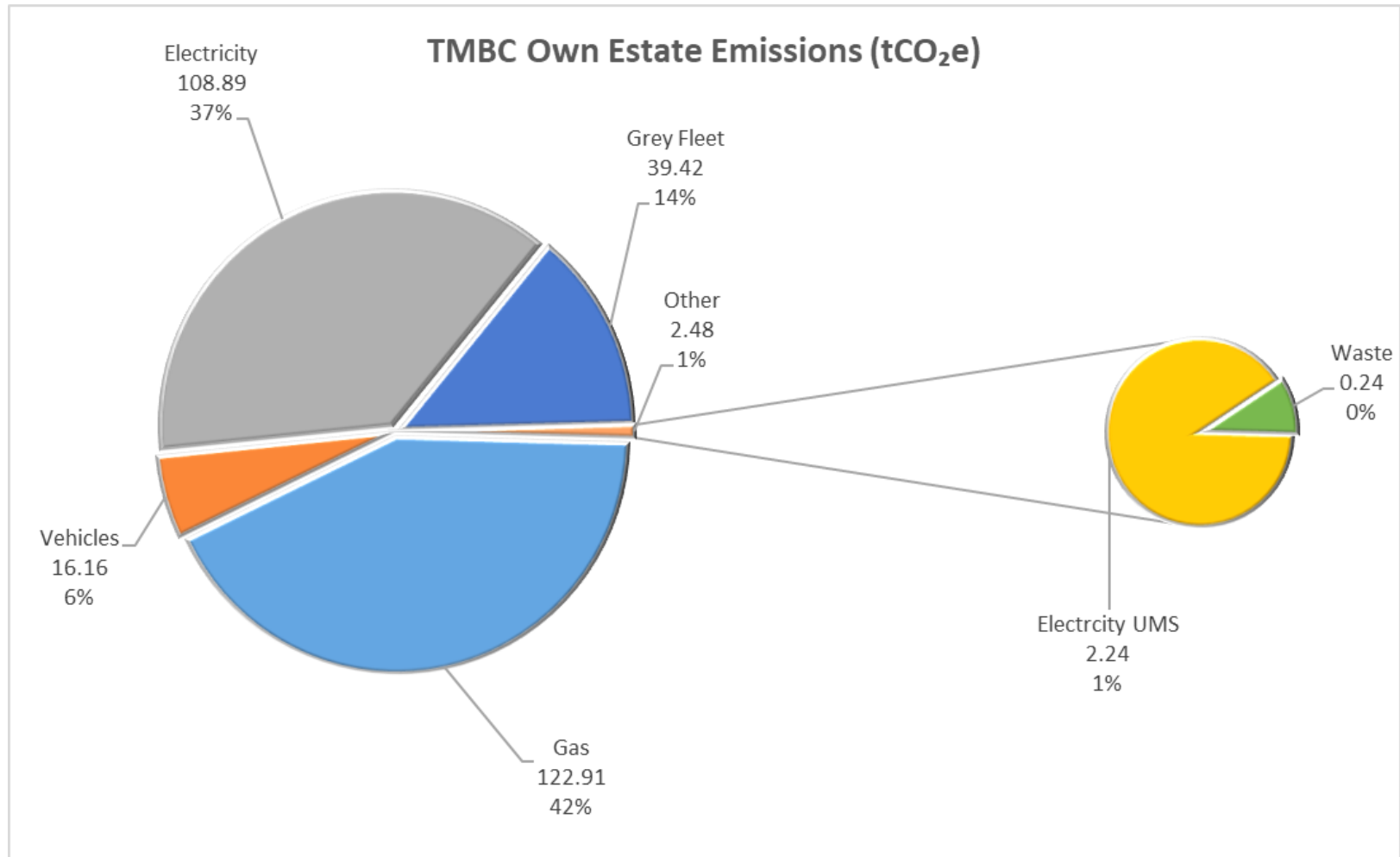


Total emissions FY 2019 to 2020: 2,240.0 tCO<sub>2</sub>e

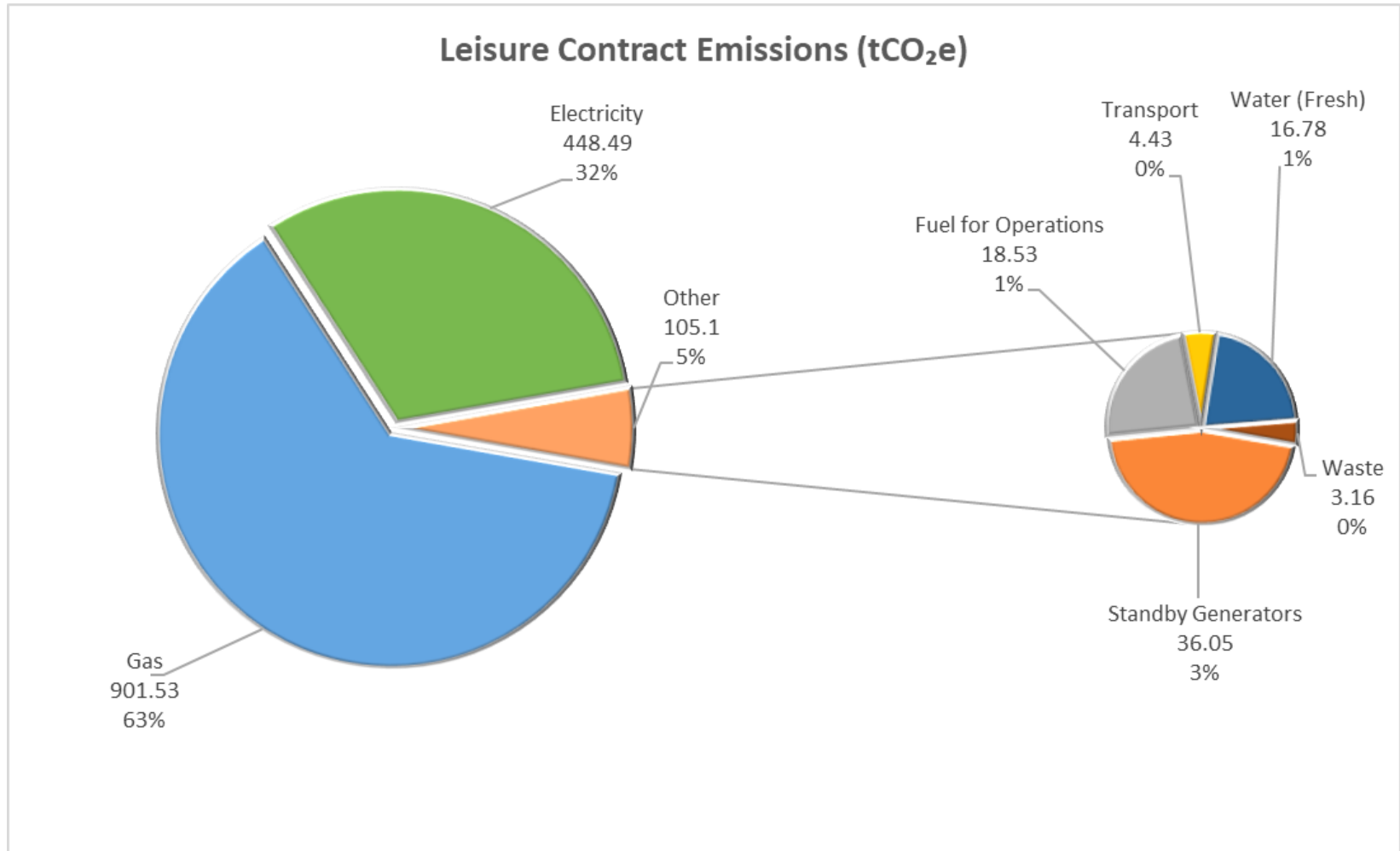
# Emissions by Source – All Entities



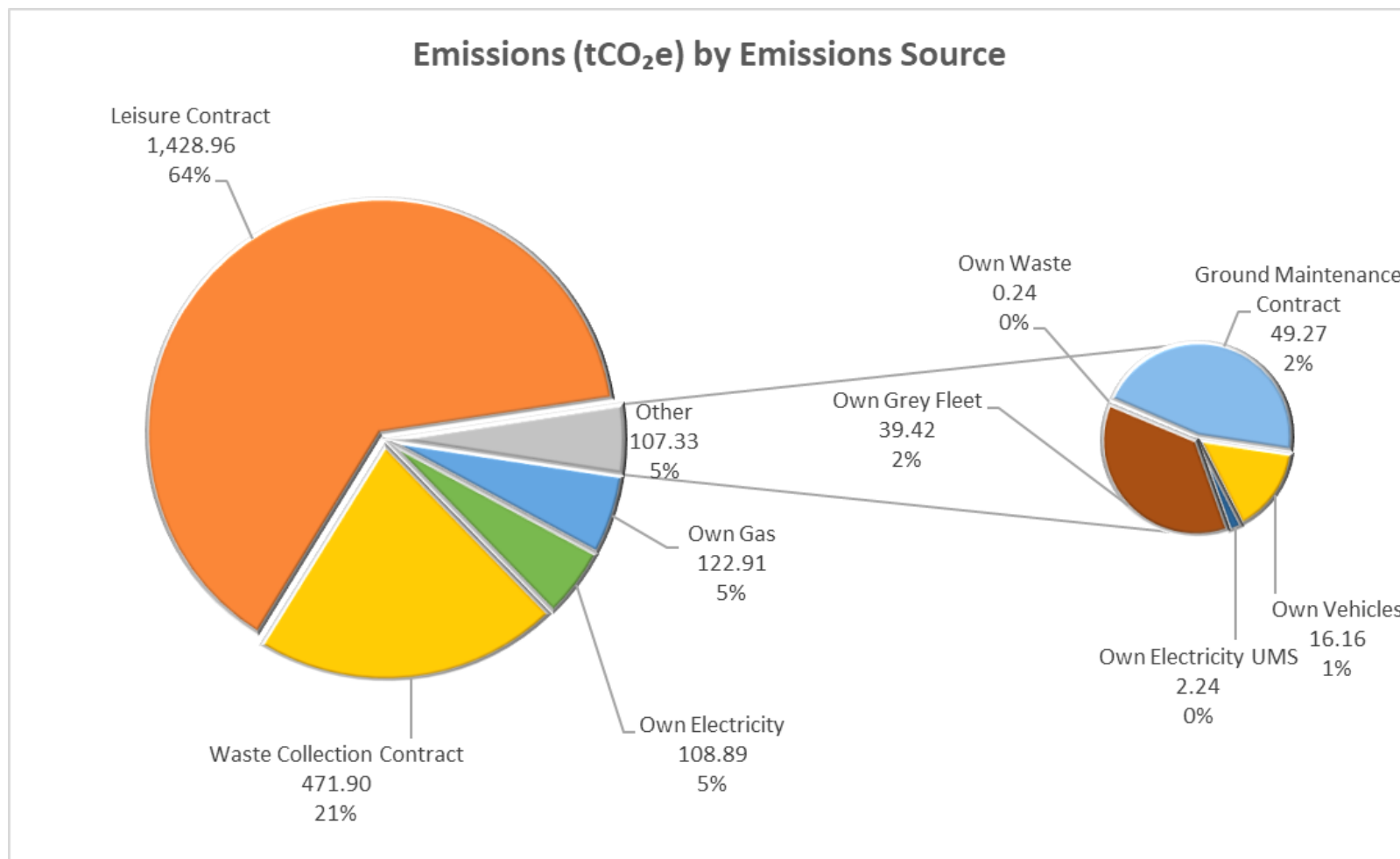
# Emissions by Source – Own Estate



# Emissions by Source – Leisure Centre



# Emissions for All Sources

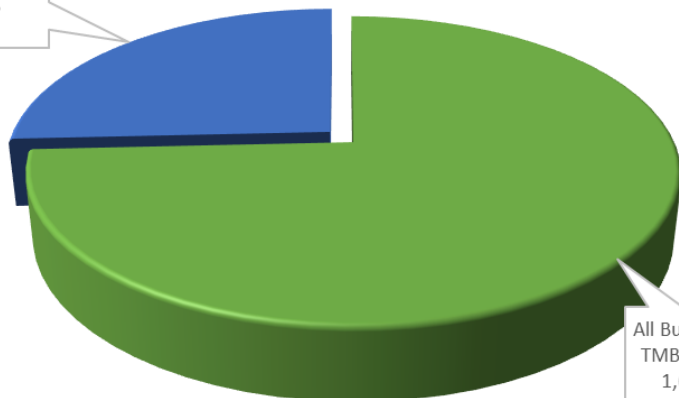




# Emissions by Sector

Emissions (tCO<sub>2</sub>e) by Sector  
- Combined

All Transport &  
Operations  
576.6  
26%

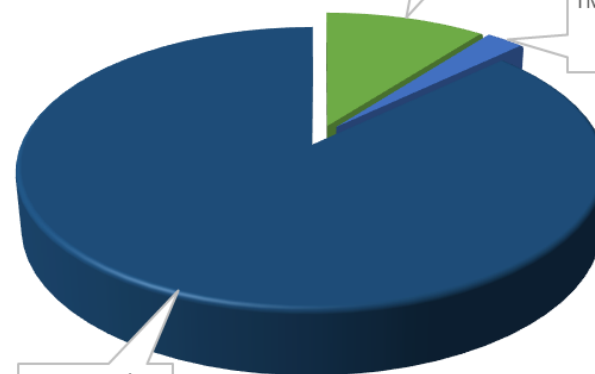


All Buildings &  
TMBC Estate  
1,663.4  
74%

Emissions (tCO<sub>2</sub>e) by Sector

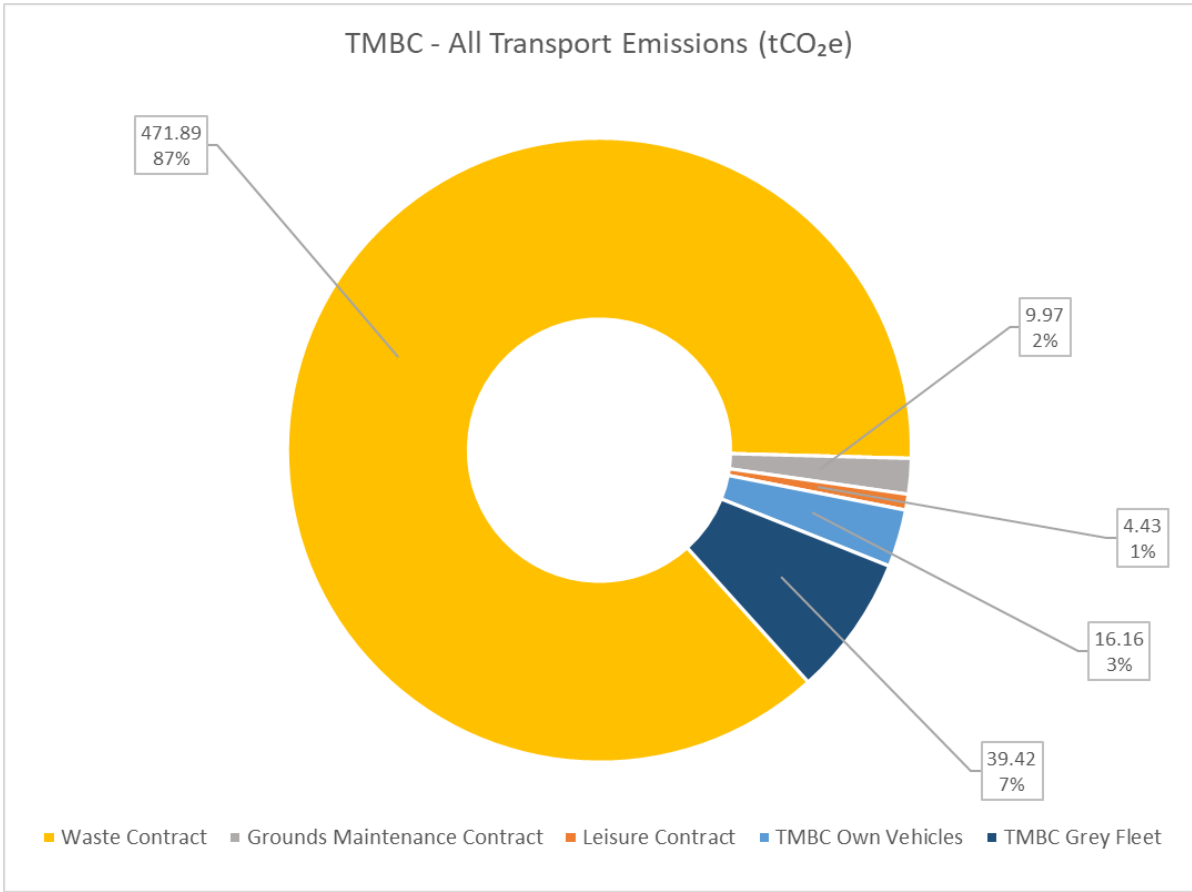
TMBC Buildings &  
Estate  
234.3  
10%

TMBC Transport  
55.6  
3%

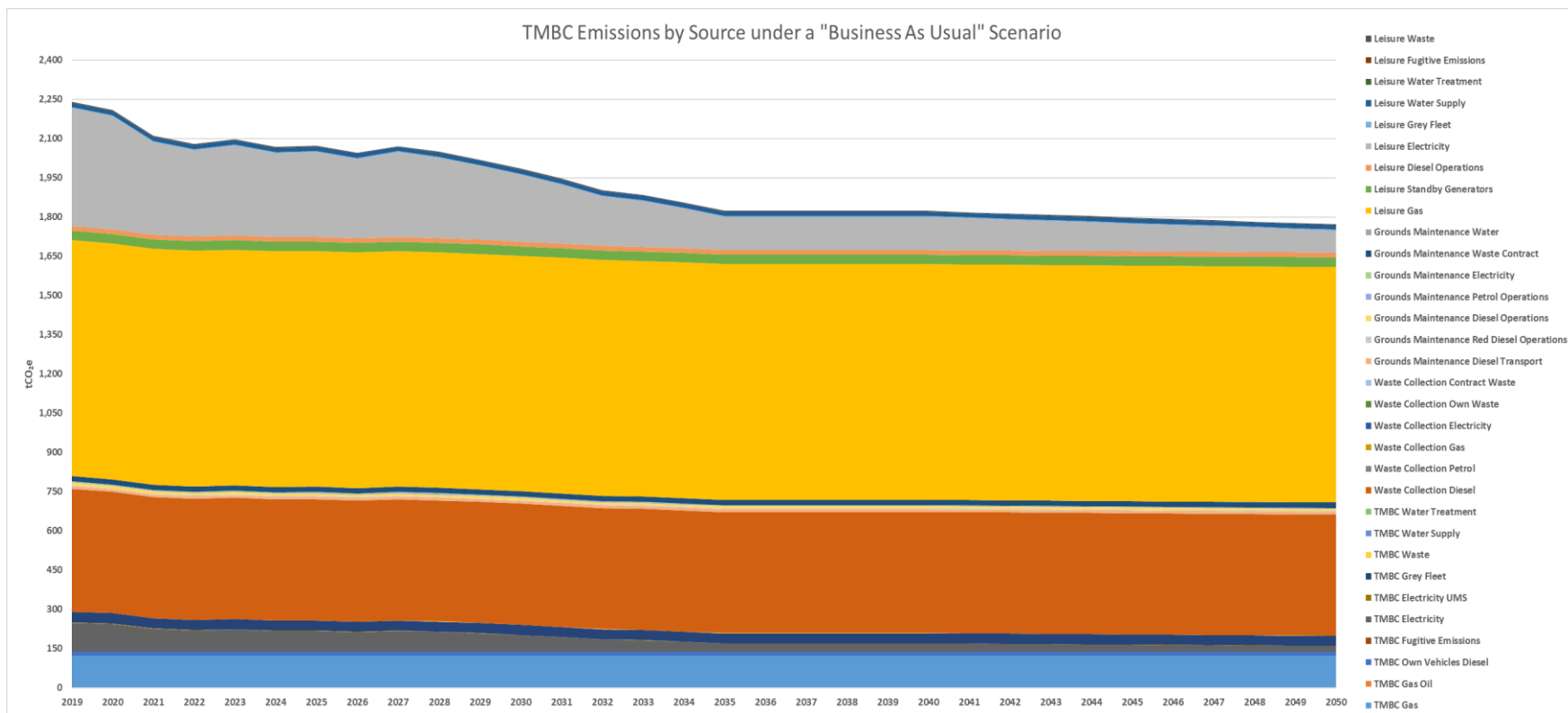


External  
Organisations /  
Contracts  
1,950.1  
87%

# Transport Fuel Use



# BAU Forecast to 2050



**Emissions by 2050: 1,772.50 tCO<sub>2</sub>e**

- **Highlights**

- Leisure contract electricity
- Leisure contract gas
- Waste contract diesel for vehicles
- Own estate gas

# Points of note

- TMBC's own estate makes up 13% of the overall footprint
- Electricity and gas make up a large and similar proportion for associated emissions
- Leisure contract contributes significantly to the carbon footprint due to gas usage
- Emission reduction for BAU forecast between 2020 & 2035 is largely due to forecasts around electricity generation becoming cleaner
- Gas emissions remain largely static based on current long-term forecasts