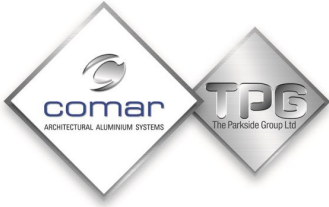




# CARBON FOOTPRINT REPORT

October 2018 – October 2019

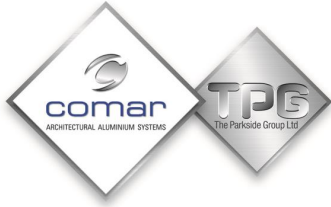


# CARBON FOOTPRINT REPORT

October 2018 – October 2019

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## Overview

There are significant cost and reputational benefits to measuring and reporting our carbon emissions. These are realised by identifying energy consumption and cost reduction initiatives and through securing business where sustainability and carbon emissions reporting features so prominently in procurement decision making. We have reconsidered that this is a reporting requirement with a silver lining.

Since setting our base line for Energy consumption in 2013 The Parkside Group Ltd has measured year on year the amount of, gas, electricity, water used, along with the mileage of its vehicles. Recycling and waste that has been sent to landfill is also part of this reporting process and we are now proud to report that we have successfully achieved a 99% diversion of waste from landfill.

Our Silver lining was to be able to see from our baseline areas that required improvement, there were many ways of reducing our emissions and to save money at the same time, we therefore set ourselves objectives to carry out the following.

- Train our staff on Environmental Issues and how to reduce our Carbon Footprint.
- Only heat rooms that are occupied.
- Reduction in room temperatures.
- Installation of lighting sensors to our offices and warehouses.
- Fitting of LED lighting.
- Installation of waterless urinals
- Installation of energy efficient boilers.
- Installation of new thermally efficient windows and doors.
- Installation of Solar Shading.
- Using a reputable recycling waste company divert waste from landfill.

This year we are pleased to report that since we have started to report on our overall carbon footprint it has reduced by some 19.62% and the waste sent to landfill has reduced by 99%. Our Water usage has reduced by 84.52%, electricity by 52.23% and gas by 27.87%. Clearly by setting these objectives we have really made a difference.

In order to continually improve the way in which we report on our Carbon Footprint, The Parkside Group Ltd has now elected to use a more robust tool to measure our Greenhouse Gas emissions using an online tool through Carbon UK.

Carbon UK use the conversion data issued by DEFRA but in a simplified format.



# Carbon Footprint Calculation

## Buildings

Tonnes of CO e2	Energy Type
54.4	177099 kWh of Electricity at 0.3072 kgCO2e/kWh
42.0	228621 kWh of natural Gas
164.6	63436 litres of Diesel
<b>Total building emissions footprint 261.0</b>	

## Flights

Tonnes of CO e2	Flight Details
0.3	Business class direct return flight from LHR to GTI
0.2	Economy class direct return flight from LGW to FLRO
<b>Total footprint for flights 0.5</b>	

## Cars

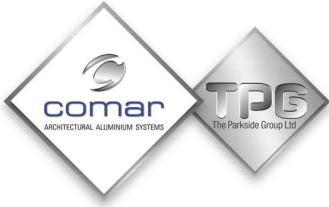
Tonnes of CO e2	Car Details
0.2	1000 miles in a Average Car Petrol Hybrid Car Average petrol hybrid car average value
0.2	1000 miles in a Average Car Petrol Hybrid Car Medium petrol hybrid car average value
<b>Total Footprint for Cars 0.4</b>	

## Vehicle Fuel

Tonnes of CO e2	Fuel Details
1.1	503 litres of petrol
<b>Total footprint for vehicle fuel 1.1</b>	

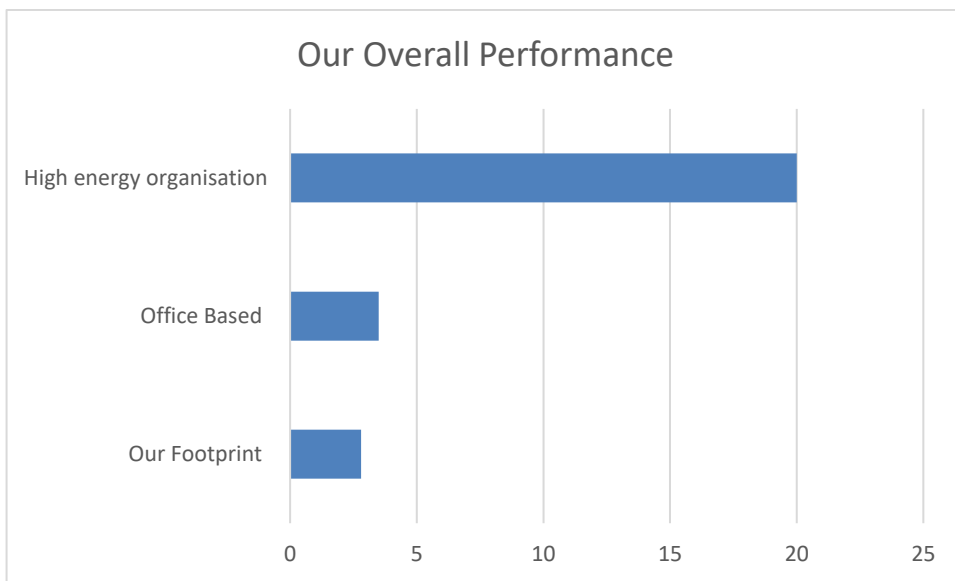
Total carbon footprint is 262.9 tonnes CO<sub>2</sub>e

Carbon intensity (tonnes CO<sub>2</sub>/employees) = 2.8



## How good are these results?

Office administration-based organisations generally have a carbon footprint of between 2 and 5 tonnes per employee. High energy businesses such as manufacturing and those with very high travel/transport usage (e.g. logistics, waste management) will have a much higher footprint at around 10-30 tonnes per employee.



## Our Mission

Our Mission is to lead by example, educate, inspire, motivate. Make the best product, do no unnecessary harm, and ultimately, to use our business to inspire and implement solutions to help reverse the impact of Carbon emissions