

CARBON FOOTPRINT REPORT

October 2019 – October 2020



CARBON FOOTPRINT REPORT

October 2019 – October 2020

Contents

Overview	<u>3</u>
Carbon Footprint Calculations	<u>5</u>
How Good are These Results	<u>6</u>
Our Mission.....	<u>6</u>



Overview

The Covid-19 pandemic is an unprecedented global situation and a challenging time for everyone, everywhere. The welfare of our staff, their families and the people that we work with, including all our business partners, is the most important thing at the moment. We have some staff on site with staggered working days and some staff have moved to home working, and stopped face-to-face business meetings, with travel greatly reduced.

We recognise that due to our new way of working this will have greatly reduced our carbon footprint for 2019/2020. Climate change and other environmental threats remains of upmost importance to our organisation and we will continue to address all issues through our environmental management system.

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 become founder members of the Closed Loop recycling scheme which is run by The Council for Aluminium in Building. Aluminium is a “permanent” material, which means that its inherent properties do not change after repeated recycling. It therefore resonates with consumer expectations to produce and consume products in a more sustainable way. To keep aluminium in the loop, it must be collected and sorted properly. While there is always an economic incentive to recycle aluminium, one of the aims of this scheme is to increase closed loop recycling by encouraging the collecting and sorting of scrap into specific wrought alloy groups.

Our Electricity is now supplied by Opus Energy who’s electricity comes from 100% renewable sources such as sun, water and wind.

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 100% 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.



Overview Cont.

This year we are pleased to report that since we have started to report on our overall carbon footprint it has reduced from last year's total of 262.9 tonnes CO₂ to 129.7 tonnes CO₂.

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
12.6	41148 kWh of Electricity at 0.3072 kgCO2e/kWh
37.4	203259 kWh of natural Gas
164.6	30516.26 litres of Diesel
Total building emissions footprint 127.7	

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
Total footprint for flights 0.5	

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
Total Footprint for Cars 0.4	

Vehicle Fuel

Tonnes of CO e2	Fuel Details
1.1	503 litres of petrol
Total footprint for vehicle fuel 1.1	

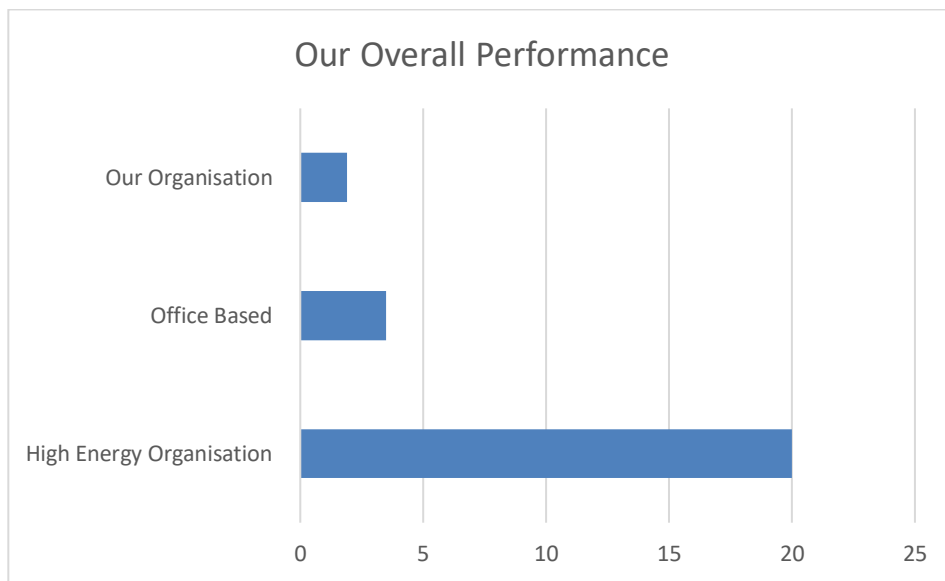
Total carbon footprint is 129.7 tonnes CO₂e

Carbon intensity (tonnes CO₂/employees) = 1.9



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