

CARBON FOOTPRINT REPORT

October 2016 – October 2017

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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 reconsider 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.

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.

This year we are pleased to report that since we have started to report on our overall carbon footprint it has reduced by some 44% and the waste sent to landfill has reduced by 65%. Our Water usage has reduced by 60.86%, electricity by 46.16% and gas by 40.17%. 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

Total Number of Employees	98

Energy used per year	Unit	Annual usage	Tonnes CO2
Electricity in Kilowatt Hours (Kwh)	Kilowatt Hours	199361	104.4
Gas in Kilowatt Hours (Kwh)	Kilowatt Hours	189638	39.1
Gas in Thermal Units (Btu)	Therms	0.00	0.00
Gas per Cubic Metres	Cubic Metres	0.00	0.00
Low Pressure Gas Kgs (LPG)	Kilograms	0.00	0.00
Heating Oil in Litres	Litres	0.00	0.00
Coal in Kgs (1000kg = 1 tonne)	Kilograms	0.00	0.00
Wood in Kgs (1000kg = 1 tonne)	Kilograms	0.00	0.00
Total Domestic Emissions		143.5 Tonnes (CO2

Travel Per Year	Unit	Annual usage	Tonnes CO2
Car Miles Per Year	Miles	248919	79.6
Train or Bus Per Year	Miles	50	0.01
Total Car Bus and Train Emissions		79.6 Tonnes CO2	

Number of Return Flights	Annual usage	Tonnes CO2
Short Haul Return Flights	0	0.00
Medium Haul Flights	0	0.00
Long Haul Flights	2	8.8
Total Air Travel Emissions		
Total Air Travel Emissions		8.8 Tonnes CO2

TOTAL CARBON DIOXIDE CO2 EMISSIONS	231.9
TOTAL CARBON DIOXIDE EMISSIONS PER PERSON	2.4

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Our Mission

Our Mission is to lead by example, educate, inspire, motivate. Design and stock the best product, which are recyclable and thermally efficient. Do no unnecessary harm, and ultimately, to use our business to inspire and implement solutions to help reverse the impact of Carbon emissions.