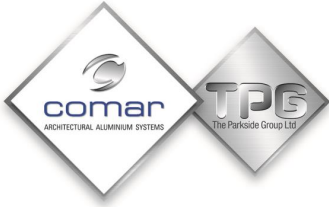




# CARBON FOOTPRINT REPORT

October 2017 to October 2018

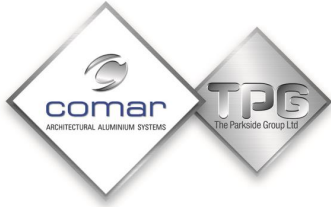


# CARBON FOOTPRINT REPORT

October 2017 to October 2018

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## Overview

The value of embracing a sustainable strategy is demonstrated through increased profitability, increased efficiencies, reduced cost, increased market share, and reduced business risk, both reputational and financial.

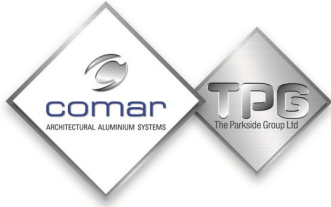
However, you can't manage what you don't measure. Understanding our carbon footprint is the starting point to identify areas of the business where emissions, and hence costs, can be reduced. Measurement also allows our organisation to understand its Green Gas House effect and any associated risks.

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.

We have found the following benefits since we embarked upon these sustainability initiatives.

- Identifying carbon and energy reduction opportunities (costs).
- Communicating our green credentials and intentions with shareholders, customers and staff.
- Disclosing emissions to our corporate customers who may already have a regulatory reporting requirement, both local and international.
- Demonstration of environmental stewardship.
- Voluntary adoption provides first mover advantage in non-regulated environments and improves market credibility.
- Attraction of 'y-generation' skills to our business who are environmentally conscious and look at companies' green credentials in careers moves.

In conclusion, although financial benefits are important, the challenges we face dictate that our organisation should be making a concerted effort to manage its emissions and have a thorough understanding of our carbon footprint.



## Achievements

We have been measuring our Carbon Footprint since 2012 and have achieved a 64% reduction in, gas electricity and water usage. This has been achieved through the following initiatives

- Training of our staff on Environmental Issues and how to reduce our Carbon Footprint.
- Consultation and participation of all staff through our internal environmental magazine the TPG ECHO
- We 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.
- Greater use of paperless systems for storage, retrieval and the transmission of documents.

This year we have managed to include the Co2 emissions of our delivery vehicles which now measured can be better monitored and managed.

## Tools

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 the Carbon Trust

The Carbon Footprint Calculator has been designed to help UK based SMEs measure their corporate emission footprint following GHG Protocol Guidance, including direct emissions from fuel and processes (Scope 1 emissions) and those emissions from purchased electricity (or Scope 2 emissions) for the assets they operate.

Scope 1 emissions (direct energy and processes)	86%
Scope 2 emissions (indirect impact from electricity)	14%



## Carbon Footprint Calculations

<b>Total Number of Employees</b>	<b>98</b>
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Energy used per year	Unit	Annual usage	Tonnes CO2
Electricity in Kilowatt Hours (Kwh)	Kilowatt Hours	157412	48.36
Gas in Kilowatt Hours (Kwh)	Kilowatt Hours	227321	41.82
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
<b>Total Domestic Emissions</b>		<b>90.18 Tonnes CO2</b>	

	Unit	Annual usage	Tonnes CO2
Lorry Miles Per Year	Miles	258813	308.20
Train or Bus Per Year	Miles	50	0.01
<b>Total Car Bus and Train Emissions</b>		<b>308.21 Tonnes CO2</b>	

Number of Return Flights	Annual usage	Tonnes CO2
Short Haul Return Flights	0	0.00
Medium Haul Flights	0	0.00
Long Haul Flights	0	0
<b>Total Air Travel Emissions</b>		
<b>Total Air Travel Emissions</b>		<b>0 Tonnes CO2</b>

<b>Total CO2</b>	<b>398.39 Tonnes CO2</b>
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# CARBON FOOTPRINT REPORT

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## Our Mission

Our Mission is to lead by example, educate, inspire and motivate. To bring to market the most energy efficient products and ultimately, to use our business to inspire and implement solutions to help reverse the impact of Carbon emissions.