

Case study: The Monarch Partnership

The Monarch Partnership is a utilities and sustainability consultancy with over 30 years' experience of delivering energy, water and waste solutions. It's market, trading and validation experts save clients money (£100m to date via savings and refunds) off their bottom line through intelligent procurement and management services.

This is The Monarch Partnership's first year of business carbon footprint reporting. It calculated the emissions of its Wallington office operations for the year ending October 2017 and set a target to reduce emissions by 5% annually.

This year's footprint includes emissions from energy use in the building (natural gas and purchased electricity), from fuel used by the fleet, water usage and from the production of paper used in the office.

The relative carbon footprint in year ending October 2017 was 0.94 tCO₂e per employee and the total carbon footprint was 51.8 tCO₂e.

Electricity emissions account for 49% of total emissions followed by natural gas which accounts for 26%.

First year certification to The Planet Mark™ is based on the commitment to continuous improvement in sustainability in its business operations by measuring and reducing its carbon footprint and engaging its stakeholders.

To meet its sustainability commitments going forward, The Monarch Partnership has identified that it should:

- Install electricity and gas smart meters to accurately monitor consumption on a monthly basis
- Create a new policy to effectively manage heating controls within the office
- Carry out a energy awareness and 'switch off' campaign
- Commit to switching to recycled paper for all office uses
- Contract with a new waste management company to accurately record the monthly consumption of waste
- Promote the uptake public transport use for the purposes of client meetings



What The Monarch Partnership did in 2016-17

The Monarch Partnership has achieved certification to The Planet Mark™ by showing good practice in sustainability including:

Investment to the **Eden Project** to support education on climate change

51.8 tCO₂e
measured carbon

included [electricity, waste and paper]

0.94 tCO₂e
total carbon per employee

260 tCO₂
stored in one acre of protected rainforest

Commitment to engage employees and suppliers to drive improvement

Electricity accounted for

49%

of total carbon footprint



What The Monarch Partnership plans to do in 2018-19

TARGETS



Recommendations

- Data collection: Install electricity and gas smart meters to accurately monitor consumption on a monthly basis.
- Energy efficiency: Create a new policy to effectively manage heating controls within the office. Carry out a energy awareness and 'switch off' campaign.
- Fleet efficiency: Promote the uptake public transport use for the purposes of client meetings.
- Staff engagement: Run dedicated staff workshops on sustainability and carbon reduction.





Total carbon footprint overview

The Monarch Partnership

Reporting year ending 2017 / Highlights

Carbon footprint (tCO ₂ e)	51.8
Per employee (tCO ₂ e)	0.94
Next reduction target	5%
Data quality score	12 out of 16

Used	77,865	kWh of electricity
Used	77,762	kWh of natural gas
Procured	2	tonnes of paper
Used	353	m ³ of water
Travelled	61,641	km for business

Boundary: **Monarch House, Wallington operations**

Emissions measured:

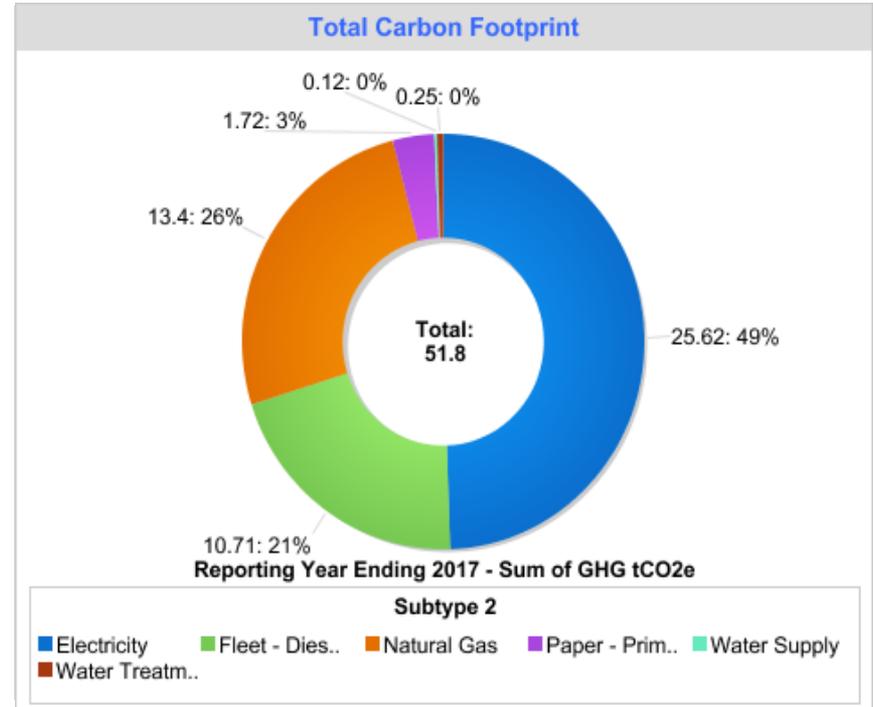


FIG 1- Total carbon footprint by emission source for reporting year ending 2017



The Planet Mark™

in partnership with
The Eden Project

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