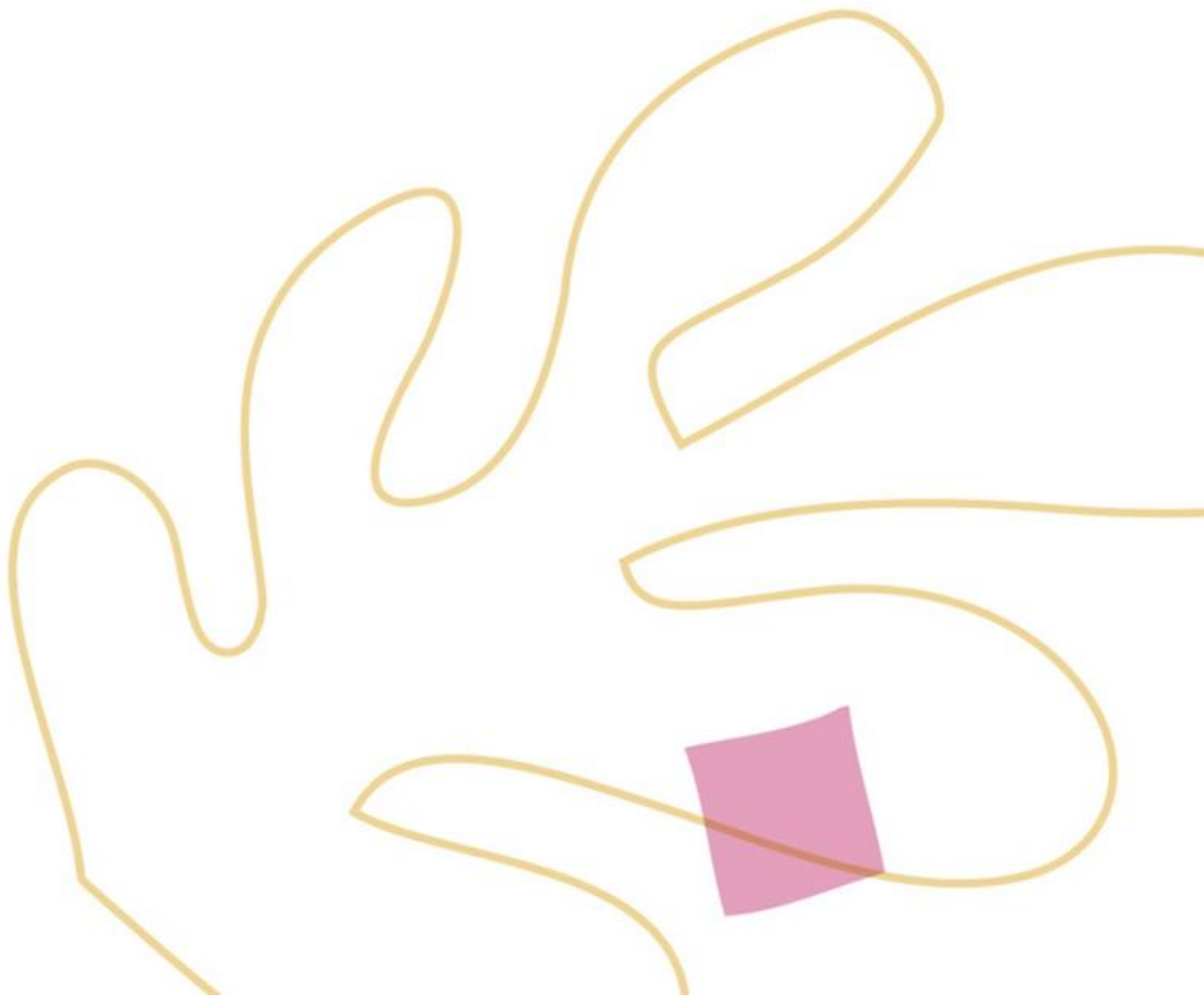


# Carbon Footprint Report 2019

*This report breaks down our annual carbon footprint for 2019 including a comparison to our 2018 results and details how we will balance our emissions for 2019.*

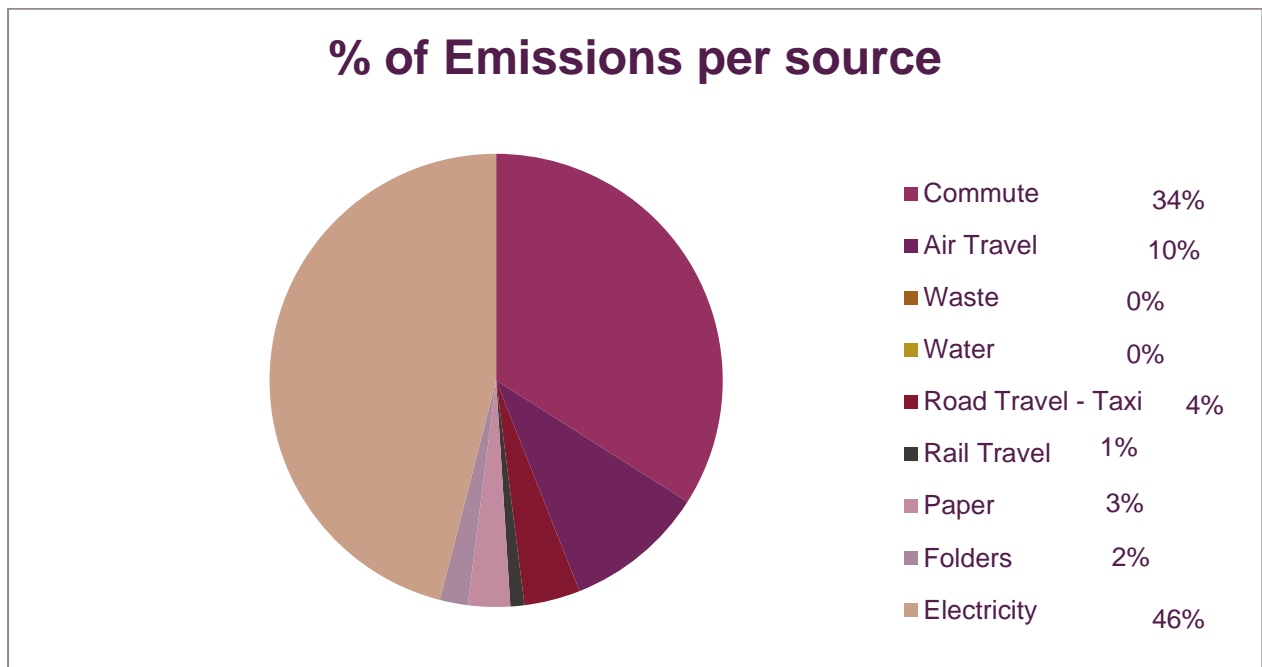


## Introduction

Since 2015 we have all worked hard to see our total carbon usage drop year on year from 437 tonnes CO<sub>2</sub>e and 1.86 per employee in 2015 to 168 tonnes CO<sub>2</sub>e and 0.61 per employee in 2018.

We have always measured our direct carbon usage at the office (electricity, business travel, waste, water, paper etc). As part of our commitment to reach net zero from 2019 we decided to measure other factors such as our printed folders and staff commute in order to give a more accurate picture of our carbon emissions.

## Results



With these new measurements being integrated into the calculations, our total carbon outlay in 2019 rose to 265.4 tonnes of CO<sub>2</sub>e, or 1.12 tonnes per employee.

Commuting represents over a third, of our total footprint. We calculated this by carrying out a firm-wide survey in September 2020; over 60% of the firm responded. People were asked several questions about their commute including the modes of transport they used and for how many miles they travel a day. To make the data more accurate, we calculated factors such as **average days a week staff commuted** and **average months of 2019 of employment per employee**.

Fellow B Corp [Green Element](#) used our collected data to analyse the total miles used for each mode of transport (car/van/motorbike, bus, overground train and underground train) to help us come to an accurate carbon measurement.

As part of the survey we asked people if there was any part of their commute which could be switched to a greener mode of travel such as walking or cycling. A third of respondents said that part of their commute could be switched. If actioned, this would mean 61,139 miles across all transport modes



that could be cut from our current footprint and a total of **5.36 tonnes** of carbon emissions that could be avoided.

## 2018 Comparison

Process	2018 Emissions (metric tonnes of CO2)	2019 Emissions (metric tonnes of CO2)
Electricity	128.9	120.5
Air Travel	16.9	26.9
Paper	10.7	9.0
Rail Travel	3.0	3.4
Road Travel	8.0	9.1
Water	0.8	0.9
Waste	0.6	0.6
<b>Total</b>	<b>168.3</b>	<b>170.4</b>
<b>Total / FTE</b>	<b>0.68</b>	<b>0.72</b>

Removing our staff commute you can see that in the comparison to 2018, our carbon footprint has begun to stabilise compared to the bigger reductions that we have achieved in previous years. We have also identified that the savings we have made in electricity and paper usage were balanced out by an increase in business travel in 2019.

2019 was also the first full year of occupation for our Charity Hub. We have included and balanced the Hub's electricity, water and waste usage in our total carbon results. However, as the people using the Hub do not work for Bates Wells we have not include them in our FTE comparison. This has an impact on our per employee total.

## Carbon Balancing and Project Net Zero

As we are committed to achieving net zero carbon we will balance our emissions with fellow B Corp [Ecosphere+](#) this year We will be investing in their Sumatra Merang Peatland project by purchasing 266 carbon credits to balance our footprint for 2019 <https://ecosphere.plus/sumatra-merang-peatland/>.

The project protects and restores 22,934 hectares of peatland forest in Indonesia that has been devastated by palm oil and paper production. Through this work Ecosphere+ will restore habitats for endangered species like the Sun Bear, Sumatran Tiger and 31 species threatened with extinction as well as creating jobs, strengthen local enterprises and community-led development for the local area.

## Looking to the future

We are working out how best to measure our 2020 emissions taking into account the fact we have not had full office occupancy for most of the year. We estimate that over 100 tonnes of carbon will have been saved from the halting of business travel, commuting and reduced utility usage. However, we will take into account our working-from-home emissions and look to offset these for 2020 as part of our continuing commitment to operating at net zero. We will also continue to look at ways to reduce our emissions on an ongoing basis.