

rivingtonstreetstudio



Carbon Reduction Report 2019



About Rivington Street Studio

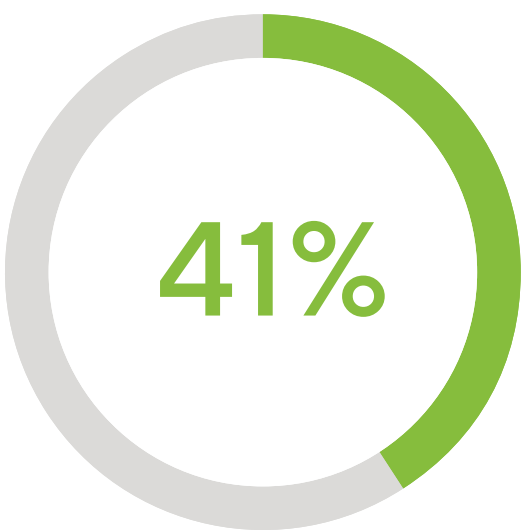
RSS is an award-winning London architectural practice established in 1989, which specialises in the education and housing sectors. The practice has deep roots in sustainability delivering the first Passivhaus accredited school in the country in 2015. Since then, RSS has produced numerous projects that provide industry sustainability exemplars.

We employ 32 members of staff and are based in our office in East London, where we moved in 2017.

Introduction

As a practice we recognise that the most significant impact we can have on carbon emissions is through the design of our projects, however we believe measuring our business carbon footprint each year is important as a way of demonstrating our commitment to net zero and increasing carbon literacy within the team.

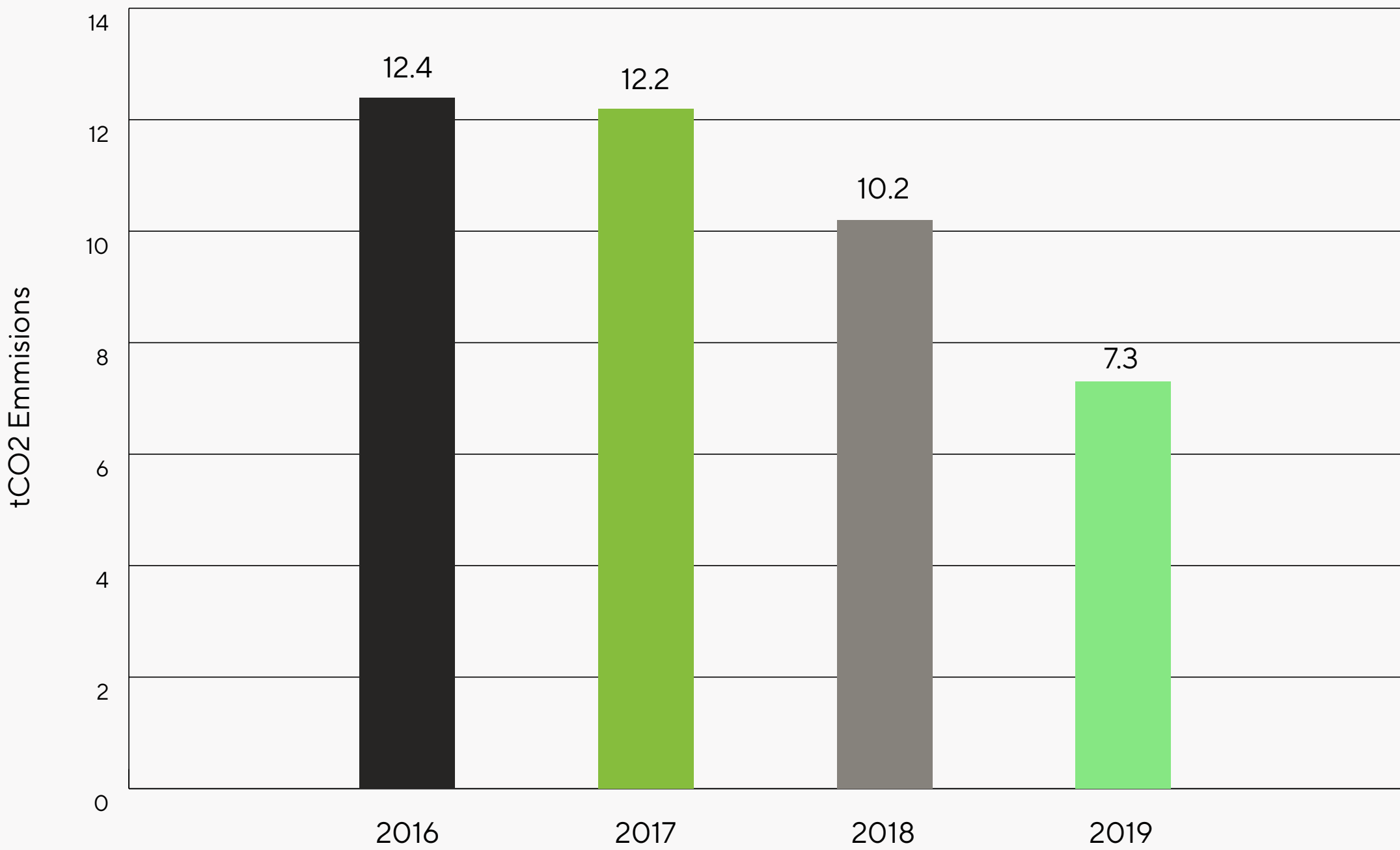
This is the first year we have produced a carbon reduction plan but not the first year we have measured our energy use, which we have monitored since 2009. We moved office in 2017 to a recently constructed space that uses much less energy and no gas at all.



reduction in our scope 2 emissions from 2016 to 2019 was achieved by moving to our new premises.

We have since concentrated on measuring other emissions.

RSS tCO2e Offset



What have we measured?

This year we measured out scope 1 and 2 emissions and within scope 3, we measured water use, business travel and capital goods.

Our Results

Scope	Category		Total	Carbon Factor (kg Co2e)	Total kg Co2e	Carbon Factor Reference	Carbon Footprint (tonnes Co2e)	Carbon Footprint per person (tonnes CO2e)
1	Fuel Combustion	Gas	0	N/A	0	N/A	0	0
2	Utilities	Electricity	1,9852.7 kWh	0.2556	5,076.91	19, S2, UK Electricity, F24	5.0769	0.1562125
		Water	500 cm3	0.344	172.0	19, S3, Water supply, E18	0.172	0.00529231
3	Capital Goods	iPhones, IT	5,133 kgCO2e		5,133.0		5.133	0.15793846
	Business Travel	Taxi	853.74 km	0.15018	125.51	19, S3, Business travel - land, E71	0.1255114	0.00386189
		Tube	10,467.30 km	0.03084	322.81	19, S3, Business travel - land, E90	0.3228115	0.00993266
		Bus	324.94 km	0.08208	26.67	19, S3, Business travel - land, E80	0.0266711	0.00082065
		Train	3,054.55 km	0.04115	126.69	19, S3, Business travel - land, E87	0.1256947	0.00386753
		Airplane	4,047.51 km	0.15493	1,031.83	19, S3, Business travel- air, F23	1.0318317	0.0317867
	Total tCO2e					12.01		

Conclusions and key findings

This year, our carbon footprint sits at just over 12 tonnes of CO₂e. The bulk of the footprint comprised of our IT purchases and our electricity bill. Within our business travel section, air transport provides the largest impact.

Next steps

In addition to the further scope 3 emissions identified on the table on the next page, principally employee commuting, we are also looking to start reporting employee footprints in 2020. We are looking forward to expanding the data disclosure to gain a more accurate view of our carbon footprint in the coming years.



Scope of Carbon footprinting exercise



	2019 (Baseline)	2020	2021	2022
Scope 1				
Fuel Combustion	n/a	n/a	n/a	n/a
Scope 2				
Purchased electricity/ heat				
Location based	Yes	Yes	Yes	Yes
Market based				Yes (100% renewable)
Scope 3 (upstream)				
3.1 Purchased goods and services (coffee, hotels, food and drink, milk, sandwiches, printing paper, alcohol, water, tea, laundry)				Yes
3.2 Capital goods (IT equip, phones, fitout and refurb)	Yes	Yes	Yes	Yes
3.3 Fuel and energy-related activities Work from home energy	n/a	Yes	Yes	Yes
3.4 Upstream transportation and distribution	n/a	n/a	n/a	n/a
3.5 Waste generated in operations (amount of recycling and landfill waste)				Yes
3.6 Business travel (flights, train, bus etc)	Yes	Yes	Yes	Yes
3.7 Employee commuting (Based on a typical week)			Yes	Yes
3.8 Upstream leased assets	n/a	n/a	n/a	n/a
Scope 3 (downstream)				
Downstream transport and distribution (couriers)			Yes	Yes
Processing of sold products	n/a	n/a	n/a	n/a
End-of-life treatment of sold products	n/a	n/a	n/a	n/a
Waste disposal and treatment of products	n/a	n/a	n/a	n/a
Downstream Leased assets	n/a	n/a	n/a	n/a
Operation of franchises	n/a	n/a	n/a	n/a
Operation of Investments	n/a	n/a	n/a	n/a
Employee footprints				
All staff WWF footprints		Yes	Yes	Yes

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