



WWF

REPORT

UK

2016

## WWF-UK'S ENVIRONMENTAL REPORT 2015-2016






This report outlines our environmental performance from 1 July 2015 to 30 June 2016 (FY16).

### CO<sub>2</sub> emissions summary

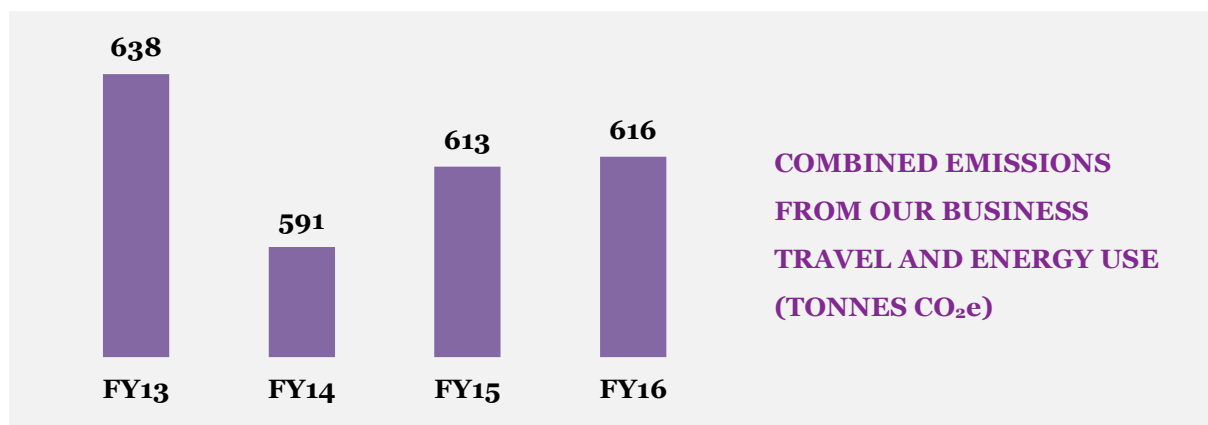
The table below shows a summary of our carbon emissions this year compared to our baseline. We now have a complete previous 12 months of data from our new headquarters, the Living Planet Centre, to compare this year's performance with. Our new baseline period is from July 2014 – June 2015 (FY15).

Our emissions for gas and biomass are now zero, having moved out of the offices where these were measured. We only use electricity at our Living Planet Centre and are not able to measure individual gas consumption in our devolved offices, as small tenants within larger buildings.

Overall our total carbon emissions from energy and business travel increased by 0.5% this year. We've travelled more and used more electricity, for reasons explained below. However, due to a decrease in the carbon factor for electricity (the figure published by DEFRA, used to calculate emissions) our emissions from electricity are lower than last year. Categorisation of emissions is included as indirect or direct; Scope 1, 2 or 3 as defined by the Greenhouse Gas Protocol and DEFRA. We calculate our CO<sub>2</sub> equivalent emissions by applying DEFRA's conversion factors.

	<b>FY16 tonnes CO<sub>2</sub>e</b>	<b>Baseline tonnes CO<sub>2</sub>e (FY15)</b>	<b>% change in performance compared to baseline</b>	
<b>Total</b>	<b>616</b>	<b>613</b>		<b>0.5%</b>
Electricity (Scope 2)	213	223		<b>5%</b>
Gas (Scope 1)	0	1		<b>100%</b>
Biomass (Scope 3)	0	0.6		<b>100%</b>
Business travel (Scope 3)	403	388		<b>4%</b>

N.B. Figures rounded for ease of reading



### Report scope

We have a number of offices in the UK as shown in the table below. During FY16 we moved into a new office in Cardiff which opened in November 2015. We are able to measure our own electricity consumption at this new office, which was not possible in our previous office, meaning we're now measuring electricity consumption at all three of our main offices.

We had an average number of 294 WWF-UK employees during this reporting period (calculated as the full-time equivalent), compared with 293 last year.

The table below shows the environmental impacts we measure at each of our offices.

	Property area (m <sup>2</sup> )	Electricity	Gas	Water	Waste	Business travel	Paper & timber procurement
Living Planet Centre, Surrey	3,675	✓*	No gas supply to building	✓	✓	✓	✓
The Tun, Edinburgh	256	✓	Tenant within office where we are unable to measure our individual waste production or electricity, gas and water consumption			✓	✓
Churchill House, Cardiff (opened Nov 2015)	190	✓				✓	✓
Baltic House, Cardiff (closed Dec 2015)	109					✓	✓
Loman St, London	18 <sup>^</sup>					✓	✓

<sup>^</sup> Figure calculated by measuring one workstation area and multiplying this by the number of workstations.

\* At the Living Planet Centre solar panels on the roof generate electricity – it is assumed that this electricity does not generate CO<sub>2</sub> emissions.

### Energy - electricity

Our total mains electricity use increased by 7% this year compared with last year. Of this, 2% was due to the addition of our new Cardiff office to our electricity measurements. The other 5% was due to an increase in power use at our headquarters, the Living Planet Centre, which increased by 6% this year. Electricity use at our Edinburgh office decreased by 6%.

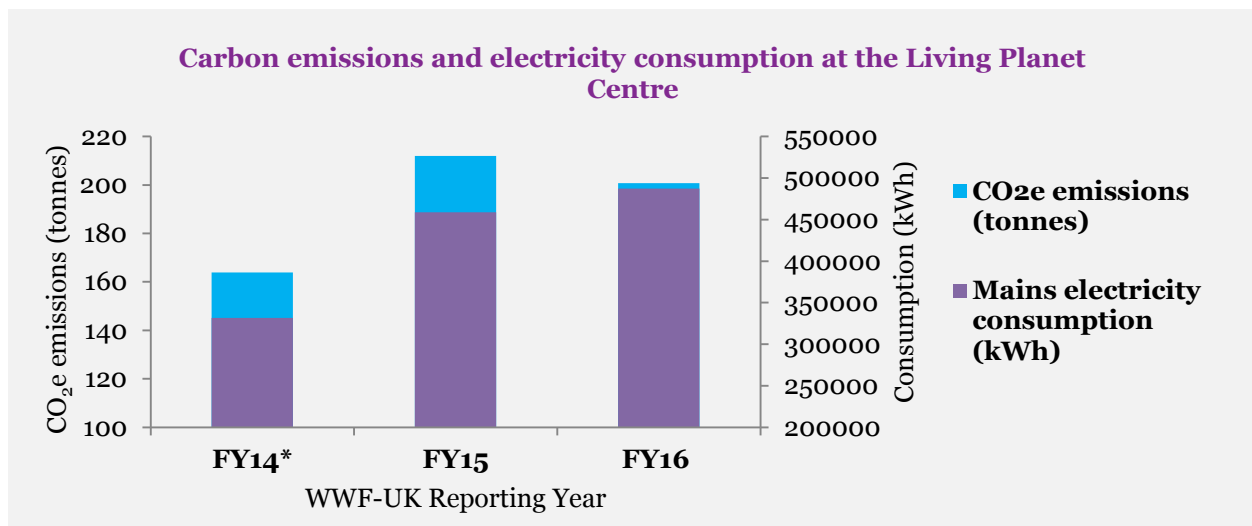




At the Living Planet Centre we switched off 53 of our 74 WiFi Access Points, reducing constant power draw by 795W. Our increase in electricity use was caused by a change we made to our heating system. To improve the thermal comfort within the building during the winter, we switched our heating system to 24 hour operation.

We had previously been switching the system off overnight, however this meant that the building temperature dropped to a level that took too long to recover from the following morning. Our aim is to minimise our emissions from electricity use as much as possible, whilst maintaining an appropriate temperature inside the building for our staff and visitors. We are still turning the system off overnight during the summer months. We plan to set a baseline year of electricity usage for the LPC, from the time we started running our system overnight in January 2016.

Approximately 12% of the electricity we used at the Living Planet Centre in FY16 was generated by our solar panels, compared to 14% in FY15. This is due to a combination of an increase in our electricity usage, and a decrease in the number of sunshine hours in FY16 compared to FY15. In total our solar panels produced 70,074kWh of electricity. When supply exceeds demand, the electricity we cannot use is fed back to the private wire network that supplies our mains electricity.

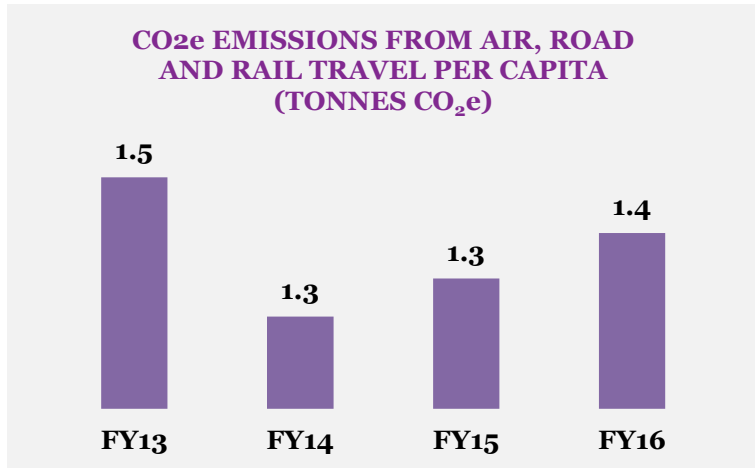


\*The Living Planet Centre opened to staff in October 2013, and to the public in January 2014.

### Business travel

Business travel accounted for 65% of our total carbon footprint in FY16. Our CO<sub>2</sub>e emissions from travel (air, road and rail) increased this year compared to last year (from 388 to 403 tonnes), although they were still within our total travel carbon budget we set for our current strategy period of 465 tonnes CO<sub>2</sub>e (365 for air travel, 100 for road and rail). We strive to minimise our emissions from travel, however there will be fluctuations within the limit of our budget from year to year, determined by our strategic objectives and opportunities.

In FY16 our air travel emissions increased by 32 tonnes. This was mainly due travel for our new natural history TV series project; Our Planet, a strategic review of the wider WWF network and more trips to our priority parts of the world. Air travel accounted for 83% of our total travel emissions. To manage how much we fly, we track our emissions throughout the year against our air travel carbon budget.



## Water

Our mains water use decreased by 59% in FY16 compared to FY15; our water use last year was abnormally high due to some major repair works needed to our water attenuation tanks.

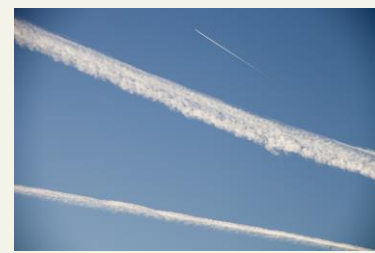
During the course of this year we've had some additional works done to our water system, and this has significantly decreased our mains water use. This is reflected in an average mains water use of 10 litres per staff member per day, during the period December 2015 – June 2016 (after we had the additional works done). In FY15, from January – June 2015, our average usage was 18 litres per person per day. These figures don't take into account our visitors, school groups or event space hirers.

Now that our system is running more effectively, we plan to set a baseline measure from January – December 2016.

In FY16 rain and grey water systems provided over 50% of our total water consumption.

## Waste

We generated 23 tonnes of waste this year compared with 29 tonnes last year. A small amount of this difference (less than 2 tonnes) is accounted for by the closing of our Dunkeld office in December 2015 where our waste was measured. Last year we recycled a lot of paperwork from old stores that we



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**+ 4%**

Our emissions from travel increased by 4% this year, compared to last year.



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**52%**

Rain water harvesting and grey water recycling provided us with 52% of our water needs at the Living Planet Centre in FY16.

no longer needed. We sent 86% of the waste we produced this year for recycling – the same percentage as last year.

## Procurement

In the calendar year 2015, 99.96% of the paper and timber we bought was either FSC certified or from recycled sources. This includes our fundraising publications, office paper and stationery. This reporting has previously been done by calendar year in line with the Global Forest and Trade Network reporting guidelines. Next year we plan to report this by our financial year to bring it in line with the rest of our reporting.

Our internal office printing reduced from 6.1 sheets per person per day in FY15 to 4.5 in FY16. We printed over 120,000 less sheets of paper in total in FY16 compared with FY15.

## Biodiversity

Last year we announced exciting plans for FY16; to create a special outdoor learning area in the surrounds of our Living Planet Centre, to open up new creative opportunities for children to explore, enjoy and value nature in the urban setting of Woking. We've experienced some delays with this project, but are pleased that work has now begun to develop this exciting installation. We're looking forward to demonstrating ideas for encouraging wildlife that can be replicated in homes, schools and meeting spaces.

With the help of The Seed Pantry, we planted a food garden at the Living Planet Centre to bring wildlife and pollinators to our grounds, with perennial herb and flower plants to stimulate the senses and a space to grow vegetables.

## Carbon offsetting

This report outlines our environmental impacts and associated carbon emissions. We strive to limit our carbon emissions and see offsetting as a last resort. We've purchased Gold Standard offsets from the Carbon Neutral Company to offset our emissions from this reporting period.

This report has been reviewed by an external audit team from EnviroSense to verify its reliability, completeness, accuracy and appropriateness. It is endorsed by our executive group and Board of Trustees.

If you have any comments or suggestions about this report, please email us at: [supportercare@wwf.org.uk](mailto:supportercare@wwf.org.uk)

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