



WWF

FOR YOUR WORLD

# WWF-UK ENVIRONMENTAL REPORT

JULY 2019 – JUNE 2020

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# ABOUT THIS REPORT

WWF is one of the world's largest independent conservation organisations. We're working to create a world where people and wildlife can thrive together, by restoring nature and tackling the main causes of the natural world's decline – particularly the food system and climate change.

We recognise the importance of 'walking the talk'. Our responsibility does not end with influencing others to build a future with thriving habitats and species – we must also play our part, reducing our own impacts as well as inspiring others to do the same.

Our Environmental Report typically summarises our environmental performance during our financial year, from 1 July to 30 June. However, this year's report looks slightly different. If we were to report performance as usual, travel and consumption would have fallen, so too would our emissions, all due to the Covid-19 pandemic.

Instead, we have included a detailed analysis of our performance from 1 July 2019 to 29 February 2020 – a point before offices were closed, business travel halted, and lockdown – and compared this to the same period in the previous year, where applicable. By doing so, we can accurately compare performance without the data being impacted by the coronavirus.

Please note that there is a carbon footprint associated with staff working from home, particularly with increased domestic energy use, but this has not been measured and incorporated into this report.

# REPORT SCOPE

We have a number of offices in the UK; the table below shows the environmental impacts we're able to measure and report on for each one.

The majority of our operations are based at our head office, the Living Planet Centre; more than 90% of our staff are based here and it is the main focus of our report in relation to building impacts.

	Property areas (m²)	Electricity	Gas	Water	Waste	Business travel	Paper and timber purchases
Living Planet Centre, Surrey	3,675	✓*	No gas supply to building	✓	✓	✓	✓
The Tun, Edinburgh	256	✓	Tenant within offices where we are currently unable to measure our individual use		✓**	✓	✓
Churchill House, Cardiff	190	✓			✓**	✓	✓
Somerset House, London	115	Tenant within office where we are currently unable to measure our individual use			TBC	✓	✓

\*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.

\*\* We are tenants in our Scottish and Welsh offices, sharing waste services with the other tenants. But we have begun to weigh our waste output before it is communally collected.

# CO<sub>2</sub>e EMISSIONS SUMMARY

At WWF-UK we monitor our Scope 2 and 3 CO<sub>2</sub>e emissions (we have no direct Scope 1 emissions to record). This includes energy, business travel, and emissions from paper, timber and print purchases.

Source	FY20 (tonnes CO <sub>2</sub> e)	FY19 (tonnes CO <sub>2</sub> e)	% change
Electricity (Scope 2)	131	171	-23%
Business travel (Scope 3)	180	365	-51%
Paper and timber purchases (Scope 3)	137	121	+13%
<b>Total</b>	<b>448</b>	<b>657</b>	<b>-32%</b>

CO<sub>2</sub>e (CO<sub>2</sub> equivalent) emissions are a way of accounting for the impact of different greenhouse gases, expressed as the amount of CO<sub>2</sub> that would produce the equivalent amount of warming. Emissions are categorised as Scope 1, 2 or 3 as defined by the Greenhouse Gas Protocol. We calculate these emissions by applying the UK government's carbon conversion factors. All CO<sub>2</sub> figures referenced in this report are CO<sub>2</sub>e figures.

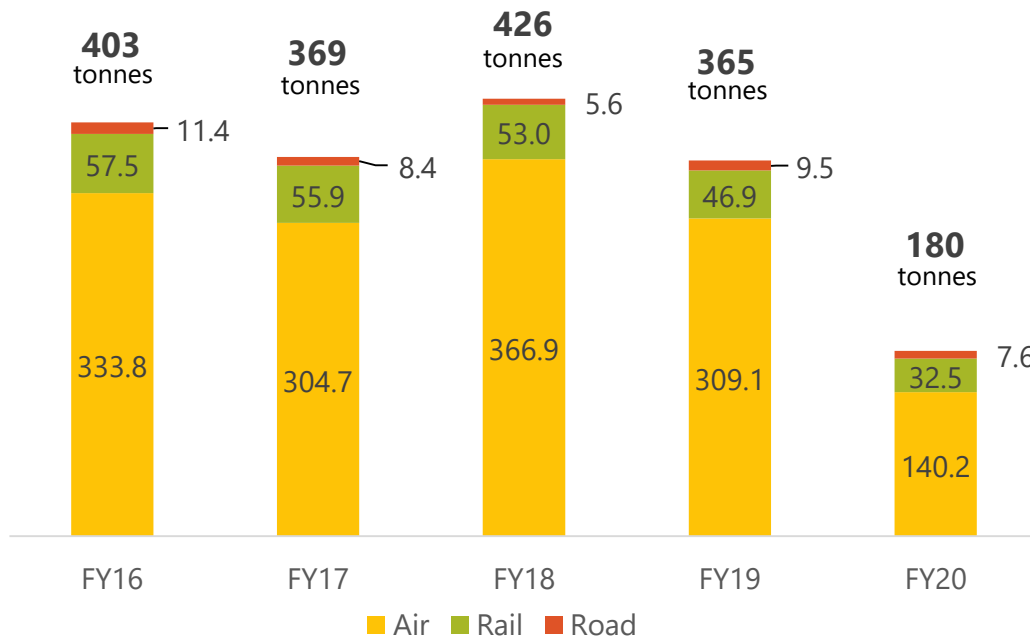


# BUSINESS TRAVEL

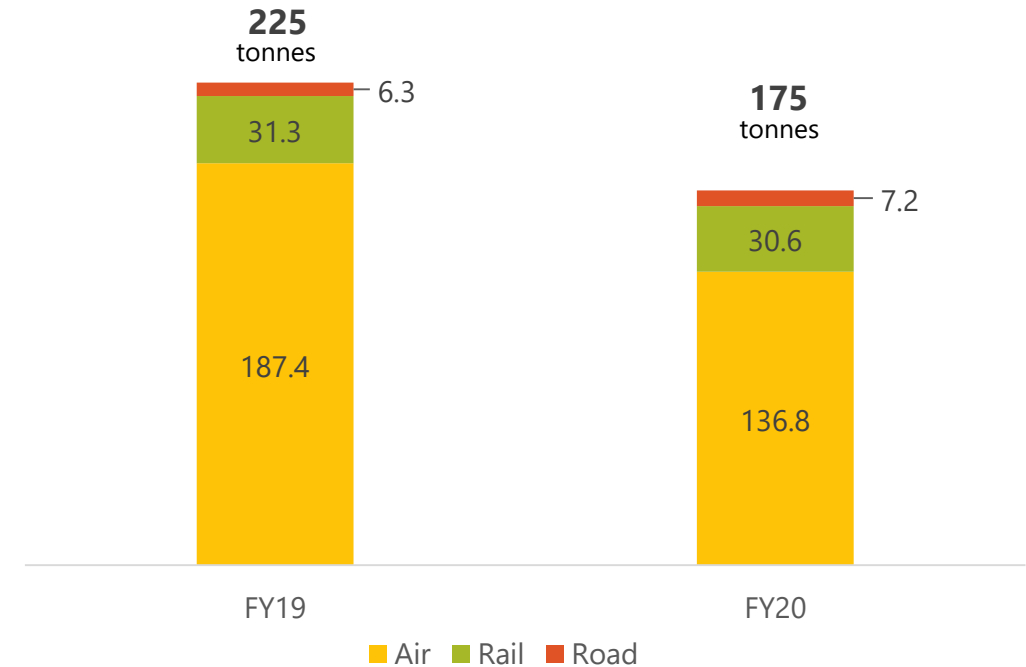
A person wearing a bright green high-visibility jacket and a helmet is riding a bicycle away from the camera on a city street. The bicycle has a purple pannier bag attached to the rear rack. The rider is positioned in the center of the frame, moving along a road with a yellow dashed line. To the right of the cyclist, a line of cars is stopped in traffic, with the rear of a silver SUV being prominent in the foreground. The background shows more vehicles and city buildings, slightly out of focus. The overall scene suggests a busy urban environment during the day.

# BUSINESS TRAVEL

CO<sub>2</sub>e emissions (tonnes) from business travel in the past five years



CO<sub>2</sub>e emissions (tonnes) July-Feb



**FY20 TARGET:** <286 tonnes CO<sub>2</sub>e air travel, <67 tonnes for road & rail

**8-MONTH TARGET (JUL-FEB):** <192 tonnes CO<sub>2</sub>e for air, <45 tonnes for road & rail

**TARGET ACHIEVED: 137 TONNES CO<sub>2</sub>e AIR  
38 TONNES CO<sub>2</sub>e ROAD AND RAIL**

# BUSINESS TRAVEL

Our business travel was significantly lower than last year owing to the Covid-19 travel restrictions. Road and rail travel have reduced, by 2 and 14 tonnes of CO<sub>2</sub>e respectively, and air travel has seen the largest cut – 55% (169 tonnes CO<sub>2</sub>e).

**Between 1 July and 29 February, comparing FY20 to FY19:**

## AIR TRAVEL



We took  
**58 FEWER FLIGHTS**

Saved **462,500** air miles

Reduced our GHG emissions  
by **50.6 TONNES CO<sub>2</sub>e**

By following our Sustainable Travel  
Policy and carbon budgeting  
approach.

## RAIL TRAVEL



This year we travelled  
**79,000 MILES** further by train

Our rail emissions reduced by 2%  
due to the UK rail network moving  
further towards renewables and  
away from coal and diesel.

In FY21 we will work to reduce the use of car travel, encourage  
more use of public transport, and promote conference calling.

## ROAD TRAVEL



We travelled **1,898 MILES** by bus,  
70% less than last year

Reduced taxi emissions by **5%**

We travelled 3,000 miles further by  
car, adding 700kg of CO<sub>2</sub>e emissions



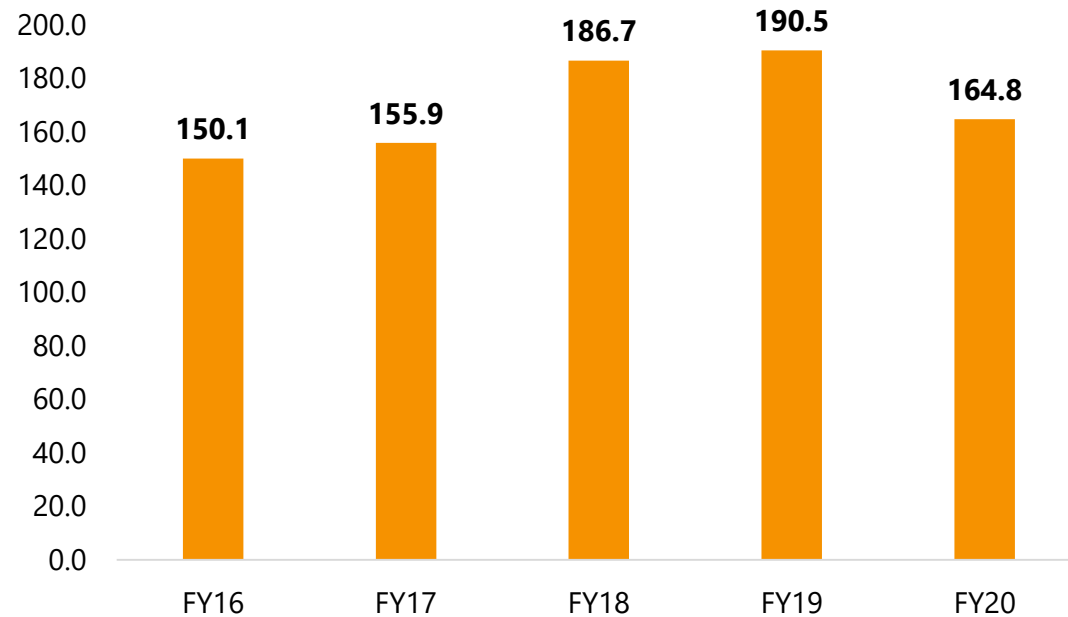


# ENERGY

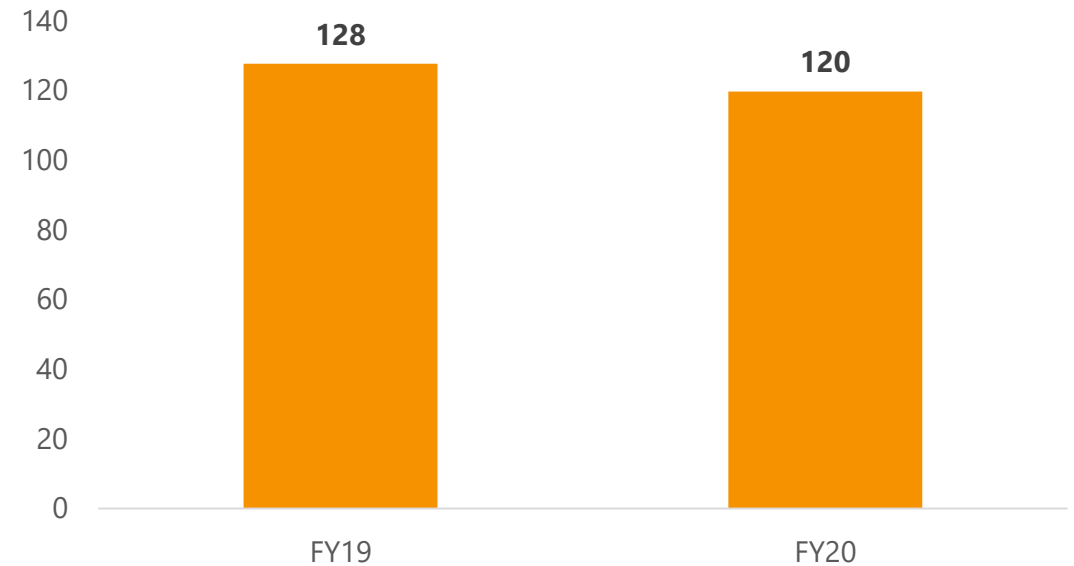


# ENERGY – THE LIVING PLANET CENTRE, ENGLAND

Total energy consumed (mains and solar) kWh/m<sup>2</sup>



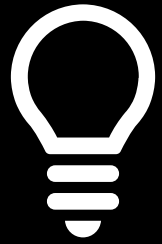
Living Planet Centre energy consumption kWh/m<sup>2</sup>  
(July-Feb)



**FY20 TARGET:** <158kWh/m<sup>2</sup> per year  
**8-MONTH TARGET (JUL-FEB):** <106kWh/m<sup>2</sup> per year

**TARGET NOT MET:**  
**120kWh/M<sup>2</sup> (JUL-FEB)**

# ENERGY – THE LIVING PLANET CENTRE, ENGLAND



**TOTAL ENERGY  
CONSUMPTION  
REDUCED 13%**

this year, partly due to the office being closed since mid-March.

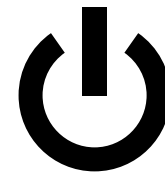
**ENERGY DEMAND FROM THE  
SERVER ROOM HAS FALLEN 14%**

Our IT server room upgrade has now finished and we're recording our **lowest consecutive energy consumption figures** from the room since we moved in.

**Between 1 July and 29 Feb, comparing FY20 to FY19:**

**ENERGY CONSUMPTION FELL BY 6%**

We saved 24,978kWh by resetting our heating and cooling controls and completing the server room upgrade. However, we didn't meet our target as the three months before the server upgrade finished caused excessive energy consumption for our cooling system, which took us just over the target.

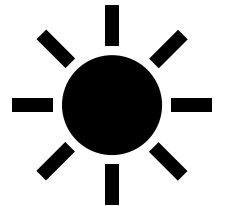


We generated an additional

**5,475KWH OF SOLAR POWER**

this year and connected our panels to the internet, allowing us to take live readings and identify faults.

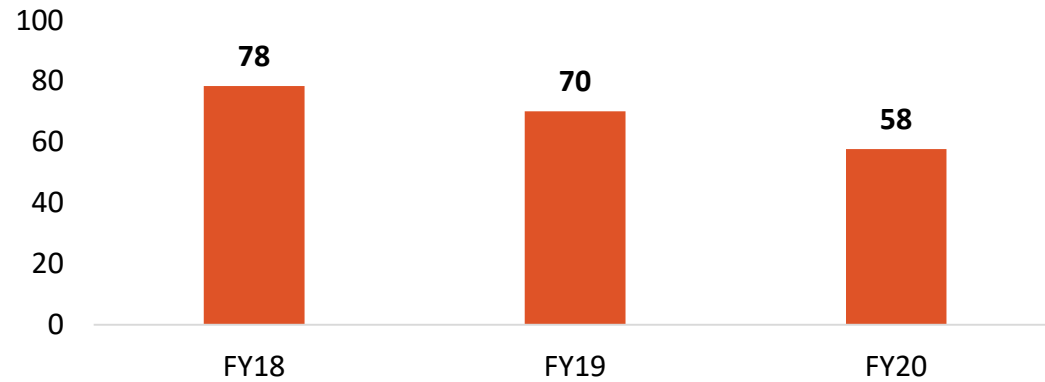
**OUR SOLAR PANELS  
PROVIDED 12%  
OF THE TOTAL ENERGY  
CONSUMED IN THE  
LIVING PLANET CENTRE**



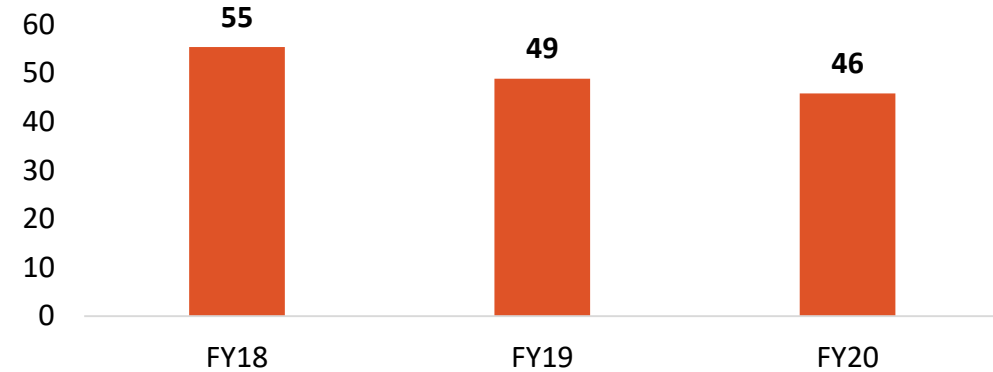
We recently completed an LED lighting upgrade to the building so we expect to see further savings in FY21

# ENERGY – WALES & SCOTLAND

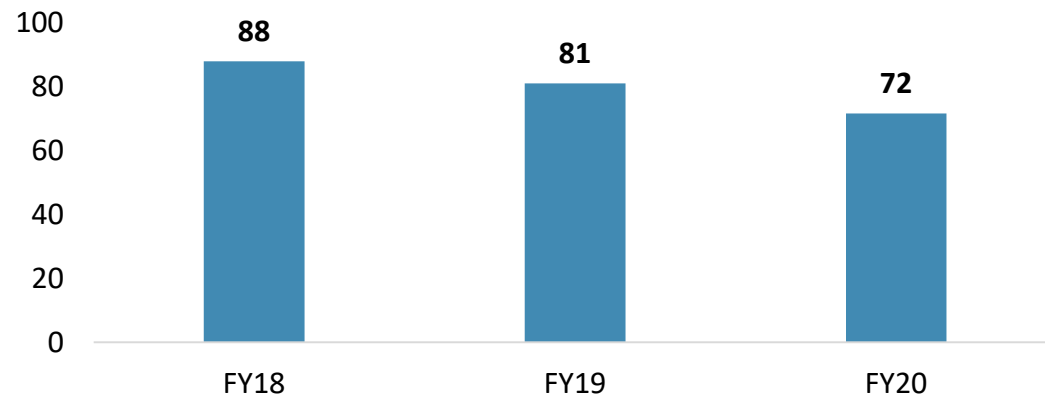
Cardiff energy consumption (kWh/m<sup>2</sup>)



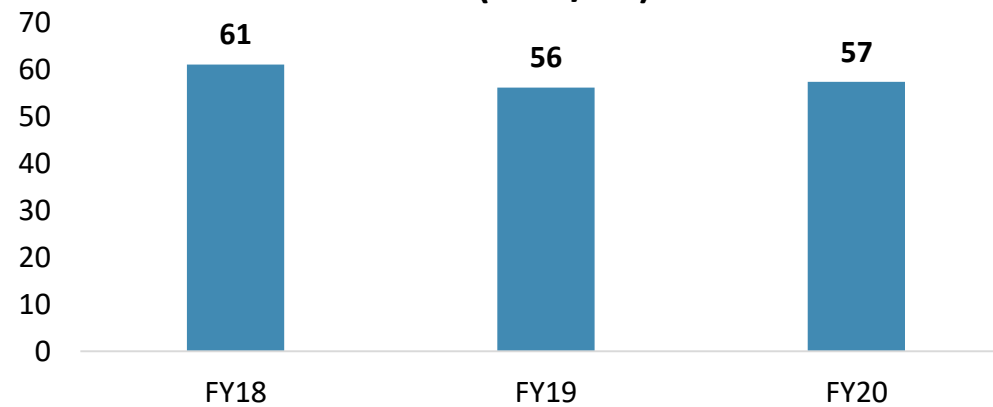
Cardiff energy consumption Jul-Feb (kWh/m<sup>2</sup>)



Edinburgh energy consumption (kWh/m<sup>2</sup>)



Edinburgh energy consumption Jul-Feb (kWh/m<sup>2</sup>)



# ENERGY – WALES AND SCOTLAND

## WALES

**TOTAL ENERGY CONSUMPTION REDUCED 18%**

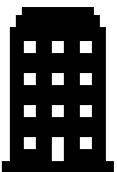
In Wales and Scotland we are tenants within shared office buildings. We are limited in what we are able to do to the office spaces themselves and able to record. Wales hosts roughly 10 staff and Scotland has 14. The reduction in energy consumption across the year is mostly due to the offices being closed since mid-March.

## SCOTLAND

**TOTAL ENERGY CONSUMPTION REDUCED 12%**

**Between 1 July and 29 February, comparing FY20 to FY19:**

**ENERGY CONSUMPTION REDUCED 6%**



Our Cardiff office had its windows replaced with double-glazing this year which has substantially reduced energy demand, particularly the use of the air conditioning which is monitored and used carefully.

**ENERGY CONSUMPTION INCREASED 2%**

Our Edinburgh office increased its energy consumption during this period, but only by 299kWh. This small increase is due to the colder autumn and winter months in Scotland at the end of 2019 requiring additional heat.



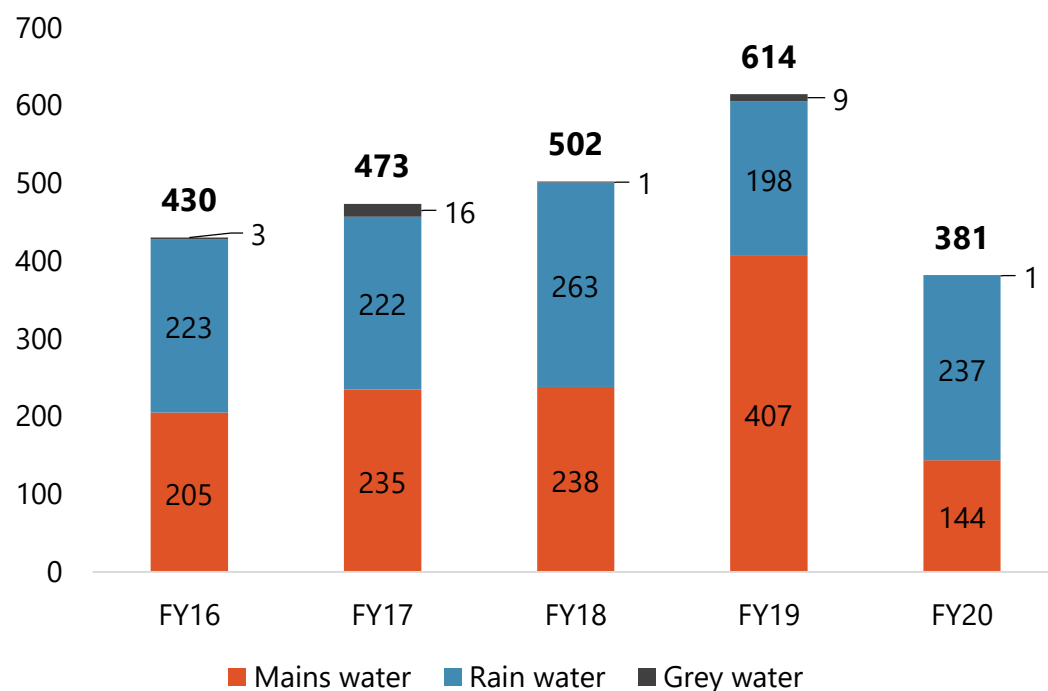


**WATER**



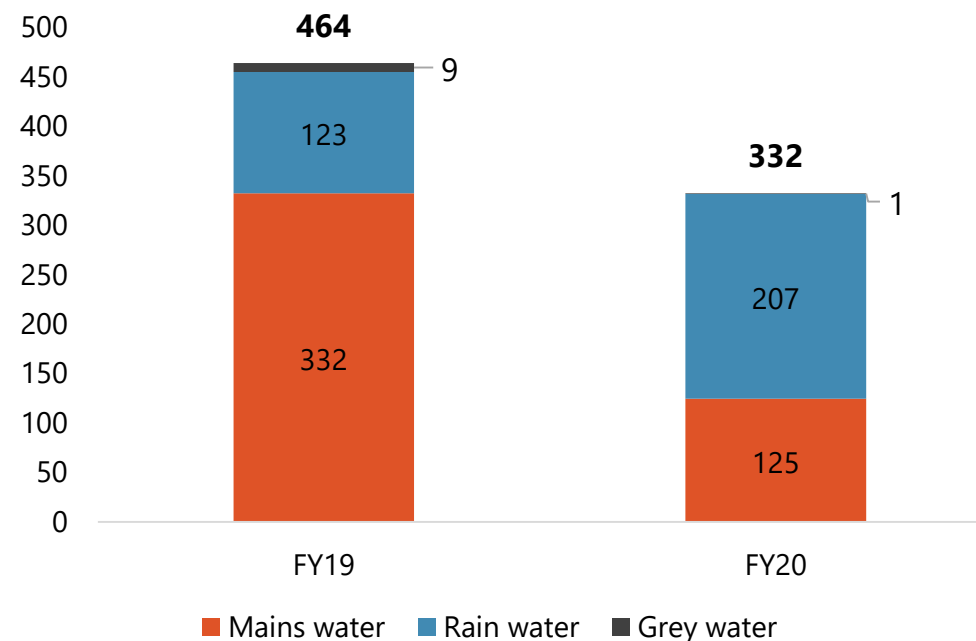
# WATER – THE LIVING PLANET CENTRE, ENGLAND

**Total water consumption (litres per m<sup>2</sup> per year)**



**FY20 TARGET:** <450 litres per m<sup>2</sup> per year  
**8-MONTH TARGET (JUL-FEB):** <302 litres per m<sup>2</sup>

**Water consumption (litres per m<sup>2</sup>)  
Jul-Feb**



**TARGET NOT MET:**  
**332 LITRES PER M<sup>2</sup> (JUL-FEB)**

# WATER – THE LIVING PLANET CENTRE, ENGLAND

**TOTAL WATER CONSUMPTION REDUCED 38%** this year as our facilities team have been able to repair faults more quickly and the office closure has reduced demand. Last year we experienced several faults which caused excessive water use and we have now returned to more efficient usage levels.

**Between 1 July and 29 Feb, comparing FY20 to FY19:**



**WATER CONSUMPTION FELL 28%**

We cut our water use by 484,000 litres during this period in FY20.

The Better Building Partnership 'good practice' benchmark for office water use:

**450 LITRES PER M<sup>2</sup> PER YEAR**

For 8 months, this target is 305 litres per m<sup>2</sup>. We consumed **332 litres per m<sup>2</sup>**, 28% less than last year but not meeting our target. In FY21 we'll continue working to bring consumption down, reviewing areas of major water use such as dishwasher use.



**64% RECYCLED**

64% of our water from July to February in FY20 came from rainwater harvesting and greywater recycling (from our sinks and showers).

**THAT'S 763,000 LITRES OF  
WATER RECYCLED,  
OR 4,239  
BATH-LOADS SAVED**

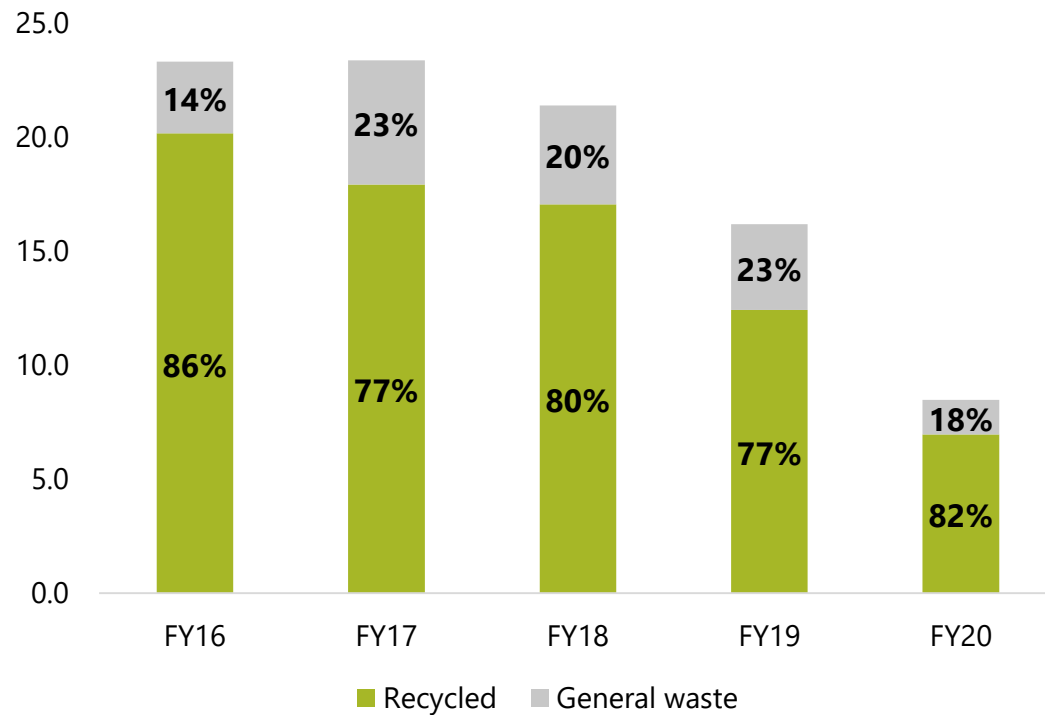


We are experiencing ongoing problems with our greywater recycling system and expect this to be resolved in FY21.

# WASTE

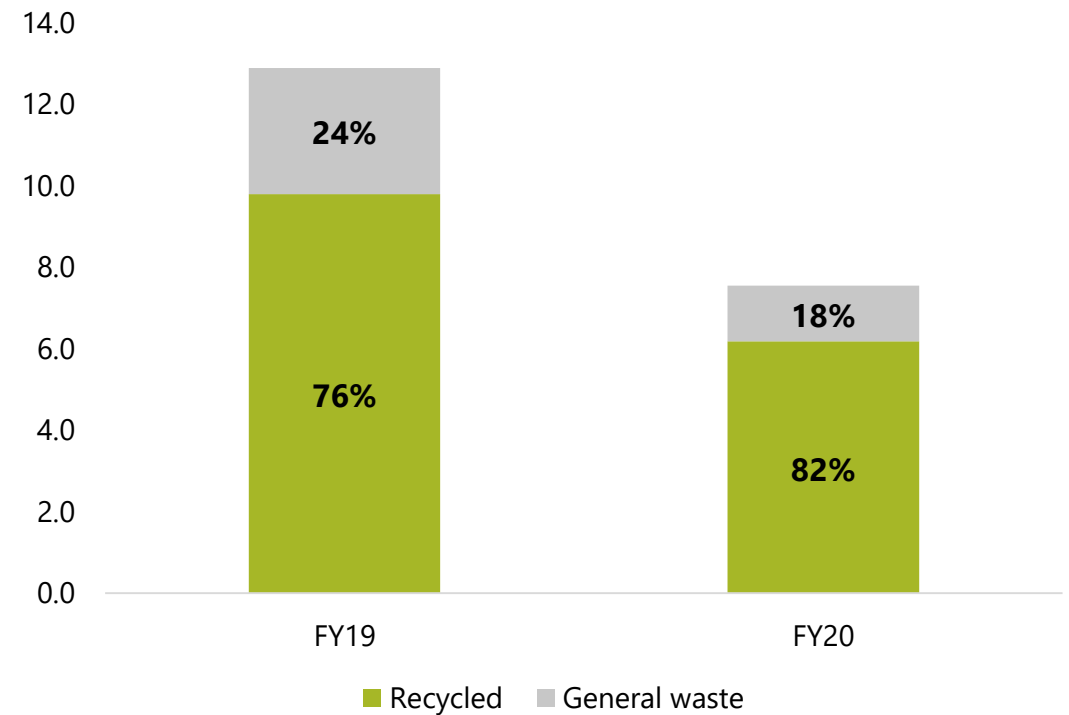
# WASTE

**Total UK waste and recycling (tonnes)**



**FY20 TARGET:** recycle 84% of our waste

**Total UK waste Jul-Feb (tonnes)**



**TARGET NOT MET: 82% OF WASTE RECYCLED**

# WASTE

## TOTAL WASTE 8.5 TONNES

We produced 8.5 tonnes of waste in total this year, with significant savings made pre-lockdown.

We began a mass clear-out of our office buildings and external storage, adding 218kg of recycling to our total.



We are

## ZERO WASTE TO LANDFILL

and found new options to recycle:



- crisp packets
- toner tubes
- film reels

Between 1 July and 29 Feb, comparing FY20 to FY19:

## ENGLAND

### 5.3 TONNES LESS TOTAL WASTE

In our Living Planet Centre, we reduced our total waste (recycling and rubbish) by 43%. This fell from 437g to **368g per person per day**



### 82% OF WASTE RECYCLED



**FOOD WASTE FELL 54%  
SAVING 2.1 TONNES,  
THAT'S EQUIVALENT TO  
18,000 BANANAS**

## SCOTLAND

Total waste reduced by 760g. An extra 3.7kg of non-recyclable waste brought the recycling rate down 1%

### 85% OF WASTE RECYCLED



## WALES

**Total waste reduced by 5.8kg**

Recycling increased by 6% with two members of staff leaving, creating extra paper recycling, along with our big clear-out.

### 93% OF WASTE RECYCLED





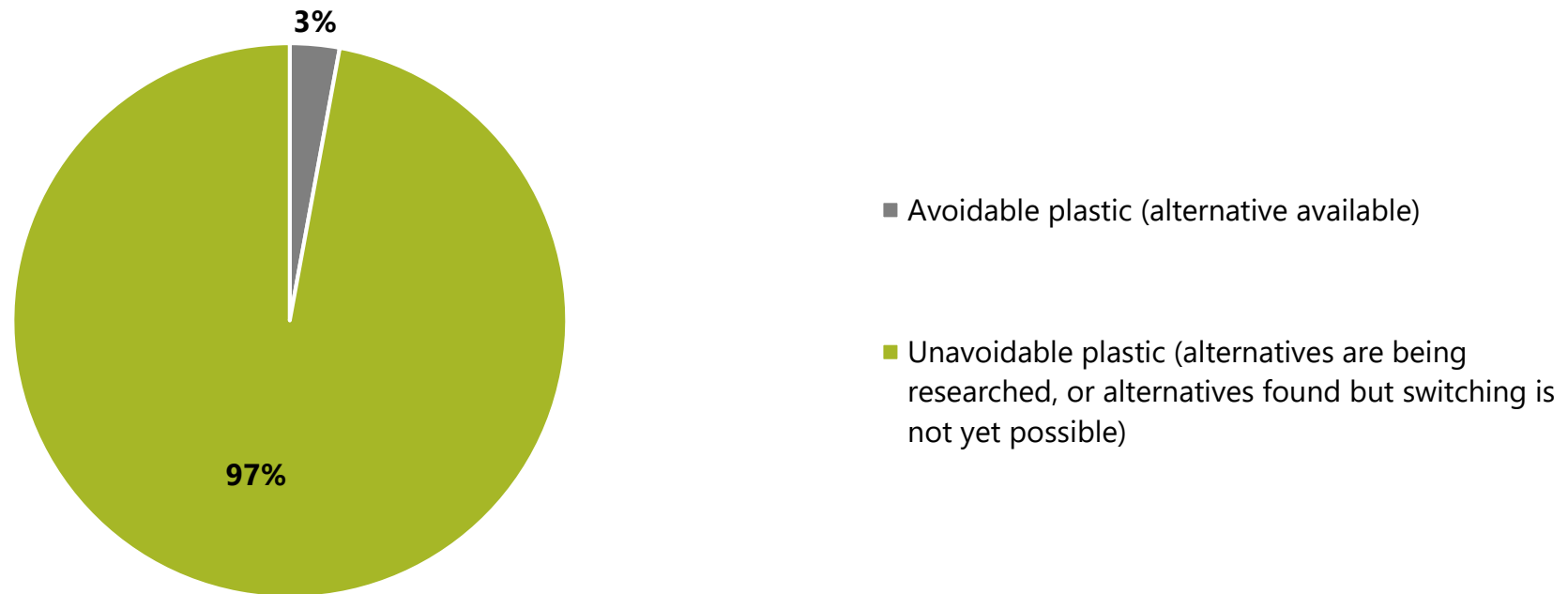
A clear plastic bottle with a purple cap is lying on a bed of dry, brown leaves and twigs. The bottle is partially filled with a clear liquid. The background is a dense layer of dry foliage, creating a natural, outdoor setting. The lighting is bright, casting shadows on the ground.

**SINGLE-USE PLASTIC**



# SINGLE-USE PLASTIC

Single-use plastic used FY20 (Jul-Feb)



**FY20 TARGET:** remove all avoidable single-use plastic in our products, operations and supply chain

**TARGET NOT MET:**  
**3% AVOIDABLE PLASTIC USED**

# SINGLE-USE PLASTIC

This year we removed an additional:

**61KG OF SINGLE-USE PLASTIC**



**THAT'S EQUIVALENT TO SAVING  
6,778 WATER BOTTLES**

Between July and March we used **267kg of plastic**, 3% of this was 'avoidable', including:

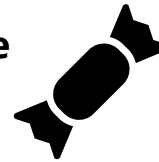
- **Plastic in an emergency order of cuddly toys**

Our new toys (currently in production) will be free of single-use plastic, but we had to place an ad-hoc order before the new toys were ready.

- **Teabag wrappers**

These were changed to a recyclable, plastic-free alternative, saving 14kg of plastic waste a year.

We purchased **TerraCycle** recycling boxes for all offices (for crisp packets, biscuit and sweet wrappers only). In the first six months we recycled **8kg of single-use plastic.**



**THAT'S EQUAL TO RECYCLING  
2,350 CRISP PACKETS**

**DOWNLOAD OUR  
SINGLE-USE PLASTIC REPORT\*  
TO READ ABOUT OUR JOURNEY**

Our new stationery provider, Red Inc,

**Red-Inc**  
POSITIVELY DIFFERENT

remove plastic packaging from our orders and recycle it themselves. They also provide packaging-free deliveries in reusable, returnable crates and many plastic-free products.

The coronavirus pandemic has increased demand for plastic worldwide. We are doing our best to combat this by purchasing reusable, organic cotton face masks, and ensuring any plastic bottles are fully recyclable and as large as possible.

\*[wwf.org.uk/walkingthetalk](http://wwf.org.uk/walkingthetalk)

# TOGETHER WE CAN PROTECT OUR NATURAL WORLD

Thank you for your interest in our conservation organisation, and right across the globe.

## PAPER, TIMBER & PRINT



DO IT  
FOR YOUR  
PLANET

### HELPING PEOPLE AND NATURE THRIVE



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After years of lobbying, political representatives from the five polar bear range countries have committed to protecting polar bears across the Arctic, taking into account the shrinking ice and increasing Arctic development.



### GIANT SUCCESS

We've been working to protect giant pandas since the 1980s. So we're delighted that they've been officially downgraded from 'endangered' to 'vulnerable' on the IUCN Red List of Threatened Species.

YOU CAN HELP US DO EVEN MORE

WE HELPED THE BRAZILIAN GOVERNMENT

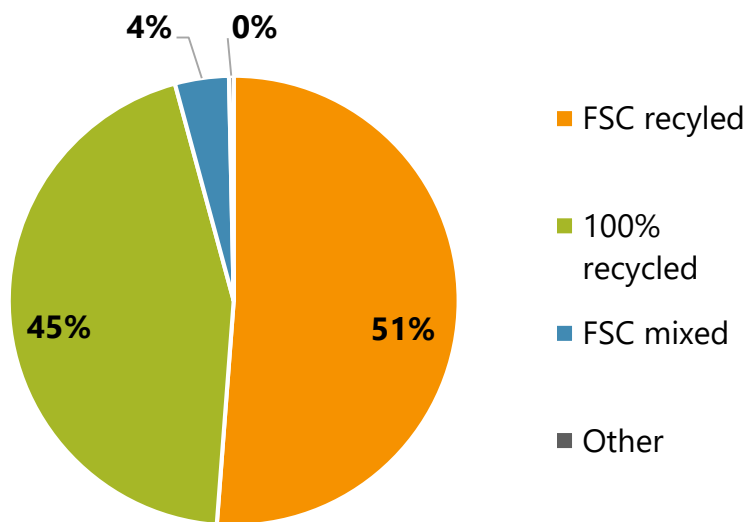
# PAPER, TIMBER & PRINT



## 171 TONNES OF PAPER AND TIMBER PURCHASED THIS YEAR

This year the volume of paper and print purchased increased by 30 tonnes (21%) largely due to a rise in supporter numbers.

**Paper and timber products purchased FY20 by category**



Support increased following the devastating fires in the Amazon rainforest and across Australia. We encourage the choice of digital over physical communications but understand that receiving letters and packs in the post is a necessity for many supporters.



**TARGET ACHIEVED: 100%\* OF THE PAPER AND TIMBER PRODUCTS WE PURCHASED MET OUR POLICY TO USE ONLY '100% RECYCLED OR FSC-CERTIFIED' MATERIALS**

We continue to remind staff of our policies through training and review procedures. Of the 0.3% in the 'other' category, almost all (95%) had an alternative paper or timber certification (such as PEFC or Nordic Swan).

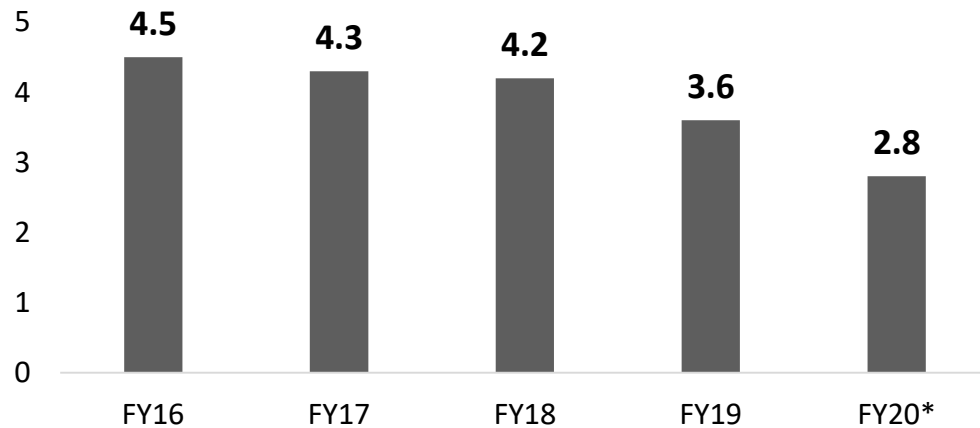
\*99.7% representing 580kg of 172 tonnes of paper and timber products in total

# PAPER, TIMBER & PRINT

## INTERNAL PRINTING



Sheets per person per day



\*Average achieved between July and February. After February, printing was almost 0, which reduced the average to below 2.8. So we've taken the higher figure of 2.8 as representative of average printing levels.

Efficient office printing<sup>1</sup> is benchmarked at 16 sheets of paper per person per day. Our target is **3 sheets of paper per person per day**.

For the first time, we have achieved our ambitious target, printing an average of:

**2.8 SHEETS PER PERSON PER DAY**

**Between 1 July and 29 Feb, comparing FY20 to FY19:**



**WE PRINTED 36,505 FEWER SHEETS OF PAPER**

in total (17% less than FY19), despite an 8% increase in average staff numbers

We prioritise working digitally rather than printing, by using software to edit and proof documents and to sign contracts. We have printers that require security fobs before printing, and limited physical storage in our offices, to deter printing.

<sup>1</sup>WRAP – Green Office: A guide to running a more cost-effective and environmentally sustainable office



# BIODIVERSITY



# BIODIVERSITY



In Scotland and Wales our offices do not have their own outside green spaces. We're introducing more indoor plants to these offices to provide a calming atmosphere, connecting staff to nature. This year Scotland gave some much-needed TLC to their indoor greenery and now have a beautiful array of office plants.

We started working through our updated **Biodiversity Action Plan** with our facilities management company at the Living Planet Centre.



Our facilities company spent a day volunteering around the site, planting spring bulbs and revamping some of the overgrown areas, in line with the Plan.

**ACTIVITIES TO IMPROVE OUR GREEN SPACES HAVE BEEN STOPPED DUE TO THE PANDEMIC BUT WILL BE REVAMPED IN FY21**



**READ OUR 'BEES UNDER SIEGE FROM HABITAT LOSS, CLIMATE CHANGE AND PESTICIDES' REPORT\* IN COLLABORATION WITH BUGLIFE**



**We use the following techniques on our organic allotment patches and green spaces at the Living Planet Centre:**

- Peat-free, organic compost
- FSC mulch (wood chips) to conserve water and protect the soil
- Green manure (instead of using animal fertiliser)
- Organic seaweed extract for extra nutrients
- Natural pest controls such as coffee grounds, neem oil and encouraging predators with wildflowers
- Never use chemical pesticides, insecticides or weed-killers

\*[www.wwf.org.uk/updates/bees-feel-sting-climate-change](https://www.wwf.org.uk/updates/bees-feel-sting-climate-change)

**FOR YOUR WORLD**

# FOR YOUR WORLD

Our pandas love to walk the talk, helping to support our local communities and the environment. Below is a summary of some of the activities that took place this year.

## 2 CONSERVATION DAYS: SUMMER & WINTER



Protecting our waterways with the Woking Biodiversity Partnership

Conserving our heathlands with the Horsell Common Preservation Society and the Wildlife Trust



## GOODLIFE GOALS



We began to promote the **Good Life Goals (GLG)** to staff – tips to help citizens recognise their vital role in achieving the UN Sustainable Development Goals. We held a staff talk from Migrateful – cookery classes led by refugees – and a GLG lunch for staff to discuss practical actions. The activities are on pause owing to lockdown.



We set up a donation point in our headquarters to collect items for our local **food bank**.

We hosted a clothes '**swap shop**' for the second year running, with leftover clothing donated to local charities.



We ran a **30-Day Challenge** for staff to walk the talk by living, eating and consuming more sustainably.



# OFFSETTING



# CARBON OFFSETTING

Reducing our carbon emissions is our top priority and offsetting is a last resort in our sustainability hierarchy. We purchase Gold Standard carbon offsets, which are equal to the emissions detailed in this report plus any travel by our trustees for trips taken on our behalf. Gold Standard projects are high-quality initiatives that contribute to the sustainable development of the countries in which they are hosted.



This year we have chosen to offset our carbon with the Solar Energy and Mobile Payment project across east Africa. The solar lighting systems, developed by M-Kopa, enable households to switch from high-cost kerosene to affordable, safe, off-grid renewable solar power, reducing fossil fuel demand. The system comes with three LED solar lights, one of which can also be used as a torch, and a solar panel with a smart-charge controlled lithium-ion battery. Households can also receive a solar rechargeable radio and a mobile phone charging cable. Some of the world's most advanced mobile-based payment technology is built into the solar lighting systems, effectively providing microfinance, particularly to low income users.

This project addresses the following Sustainable Development Goals: No poverty (SDG1), Good health and wellbeing (SDG3), Affordable and clean energy (SDG7) and Climate change (SDG13) by providing affordable, clean, renewable energy directly to homes.



**AS OF SEPTEMBER 2019, M-KOPA HAS CONNECTED OVER 750,000 HOMES TO AFFORDABLE SOLAR POWER, WITH 500 NEW HOMES BEING ADDED EVERY DAY**



This report summarises our environmental performance during FY20 (July 2019–June 2020). For more information about our environmental goals and our approach to managing our impacts, please see our environmental performance page on our website:

**[wwf.org.uk/walkingthetalk](https://www.wwf.org.uk/walkingthetalk)**

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 Finance and Business Committee.

If you have any comments or queries about this report, please email our environmental manager, Lauren Wiseman ([lwiseman@wwf.org.uk](mailto:lwiseman@wwf.org.uk))



For a future where people and nature thrive | [wwf.org.uk](https://www.wwf.org.uk)

© 1986 panda symbol and ® "WWF" Registered Trademark of WWF. WWF-UK registered charity (1081247) and in Scotland (SC039593). A company limited by guarantee (4016725)