

# Welcome to the Environmental Sustainability review 2017



Supporting world-leading research by improving our environmental sustainability performance.

## Energy and carbon

In 2005/06 our estate produced...

**133**  
KG CO<sub>2</sub>  
per m<sup>2</sup>



by 2009/10 emissions peaked at...

**143**  
KG CO<sub>2</sub>  
per m<sup>2</sup>



+14%

by 2015/16 emissions reduced to...

**95**  
KG CO<sub>2</sub>  
per m<sup>2</sup>



+33%

= the size of our estate

More space supporting world-leading research but producing less carbon emissions for every metre squared



We have invested **£3.5 million** in our carbon reduction programme

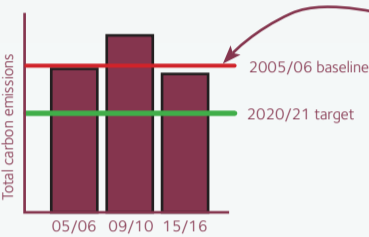
...we have allocated a further **£6 million**.



We have renewable energy including ground source heat pumps and solar PV.

In 2015/16 we generated 54 times more on-site energy than in 2005/06.

## What about our total annual emissions?



Our total emissions are lower than the baseline for the first time (-5%) but we are still on a challenging journey to meet our 33% reduction target by 2020/21.

## Water

In 2009/10 we used **13.2 litres per person**



In 2015/16 we used **12.9 litres per person**

Water per person has stayed about the same, but the total amount of water used has increased by



## Material resources



**100%** of waste through our main waste contract has been diverted from landfill since 2014.

**32%** of the waste was recycled in 2016 and this is still rising.

Over 700 staff reuse items through WARPit saving an estimated **£111,000** and **12,000 kg** of waste since 2015.

## Sustainable travel

Since its relaunch in 2014, the Oxonbike cycle-share scheme has seen pedal power cover a distance equivalent to traveling around the Earth...



The Science Transit Shuttle completed its first year of operation. The initial pilot has been extended and an extra route has been added.



## Biodiversity



A Swift tower has been designed for University Parks through a public competition in partnership with the RSPB.

**This supports Oxford becoming the UK's first Swift City.**

## Sustainable buildings

The University has received certification including BREEAM Outstanding for the Big Data Institute. The University's first Passivhaus certification was achieved by Kellogg Student Hub.



## Engagement

**3,245 students** sign up to student switch off



**80+ teams** have taken part in Green Impact receiving over 50 awards at our Sustainability Showcase where...

**200 guests** celebrated at the Sheldonian Theatre and Divinity School.



Meet the many faces of environmental sustainability at the University of Oxford and find out how you can get involved by visiting our website.

To find out more or to delve into the detail and data see [www.admin.ox.ac.uk/estates/ourservices/environment](http://www.admin.ox.ac.uk/estates/ourservices/environment) or visit [@OxfordEnvSust](https://twitter.com/OxfordEnvSust).

All this has happened and is happening because of the support and actions of all of our staff, students and visitors.

**THANK YOU!**

# 20 years of Environmental Sustainability



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