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 CO2 per m².
- By 2009/10 emissions peaked at 143 kg CO2 per m², a 14% increase.
- By 2015/16 emissions reduced to 95 kg CO2 per m², a 38% reduction.
- More space supporting world-leading research but producing less carbon emissions for every metre squared.

**What about our total annual emissions?**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Carbon Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005/06</td>
<td>3,245 kg CO2</td>
</tr>
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<td>2009/10</td>
<td>3,245 kg CO2</td>
</tr>
<tr>
<td>2015/16</td>
<td>1,143 kg CO2</td>
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</tbody>
</table>

Our total emissions are lower than the baseline for the first time (-33%) 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, a 16% reduction.

Water per person has stayed about the same, but the total amount of water used has increased by 14% by 2009/10, and 33% by 2015/16.

**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.

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 or visit @OxfordEnvSust.

**Engagement**

3,245 students signup 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.

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

1997 University’s Environment Committee established

1999 First environmental targets agreed

2000 First Travel Survey

2005 Environmental Panel created

2008 First Environmental Policy established

2009 Assessment of environmental impacts

2010 Oxonbike cycle-sharing scheme launches

2010 Electricity purchased through a green hydro energy tariff

2013 Sustainable Transport Strategy adopted

2013 The first building to target BREEAM Excellent from the outset opens

2013/14 Green Impact and Student Switch Off launches

2014 Management system certified to ISO 14001

2014 First Annual Sustainability report produced

2015 Accreditation as living wage employer gained

2015 Carbon Innovation Programme launches

2015 Commitment to avoiding direct investment in coal and tar sands companies reaffirmed

2016 First electric bikes launched

2016 Science Transit Shuttle launches

2016 First electric Oxonbikes

2016 Biodiversity Strategy is adopted

2017 First Passivhaus certification achieved

2017 A member of the Fairtrade University review and pilot

2017/2018 First Passivhaus certified building opens

2018 Oxford Swift City – swift tower installed at University Parks

2018 All purchased electricity is from wind power

2018 Green Impact developed to stretch Gold level teams

2019 Carbon Management Strategy

2020 First Annual Sustainability report produced

2021 £6 Million committed to carbon reduction projects

Environmental Sustainability team, Estates Services, The Malthouse, Tidmarsh Lane, Oxford, OX1 1NQ

@OxfordEnvSust