SUSTAINABILITY

Harrow College
Environmental Programme
We were the first general FE College to be awarded the “Carbon Trust Standard” in 2011, and re-certified in 2013 and 2015.

Awarded in 2013, to be re-audited at the end of 2015.

Highly Commended in Green Gown Awards 2013 in “Best Newcomer” category.

Joint Winner Ann Swaine Environmental Award 2013 and 2015.

We helped bring safe water and sanitation to 4,693 people in Nepal through the AquaFund – by reducing water usage in 2014/5.

Finalist for the 2012 TES FE Outstanding Practice in Sustainability Award.
The College is committed to responsible use of energy, water and other resources with the aim of minimising negative impacts on the environment.

The College is committed to continual improvement in environmental performance and to achieving best practice benchmark standards for Further Education Colleges wherever practicable.

The College is committed to meeting all relevant legal requirements.

In order to fulfil these commitments the college will provide senior level engagement, and cost-effective resources for environmental improvement and long term sustainability to reach the following objectives.
To manage and reduce the environmental impact of the College through the ISO14001 Environmental Management System

To achieve 25% reduction in CO₂ emissions from 2010 baseline by end of 2015

To reduce paper usage by 10%

To reduce waste and increase recycling

To reduce our water usage (which in turn helps Water Aid projects in third world countries)

To increase students’ awareness of sustainability issues

To embed sustainability into the curriculum

To support increased biodiversity on both Campuses

It is the responsibility of all staff to support our commitment to environmental improvement and encourage students to do so
## Carbon Footprint

<table>
<thead>
<tr>
<th>Year</th>
<th>Gas KWh Total</th>
<th>Gas CO₂ Tonnes</th>
<th>Electricity KWh Total</th>
<th>Electricity CO₂ Tonnes</th>
<th>CARBON FOOTPRINT CO₂ Tonnes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>3,098,723</td>
<td>574</td>
<td>2,189,502</td>
<td>1,012</td>
<td>1,582</td>
</tr>
<tr>
<td>2010</td>
<td>3,045,822</td>
<td>561</td>
<td>2,119,910</td>
<td>980</td>
<td>1,541</td>
</tr>
<tr>
<td>2011</td>
<td>2,340,038</td>
<td>431</td>
<td>1,750,942</td>
<td>809</td>
<td>1,240</td>
</tr>
<tr>
<td>2012</td>
<td>2,709,367</td>
<td>500</td>
<td>1,673,107</td>
<td>773</td>
<td>1,273</td>
</tr>
<tr>
<td>2013</td>
<td>2,514,603</td>
<td>464</td>
<td>1,577,962</td>
<td>729</td>
<td>1,193</td>
</tr>
<tr>
<td>2014</td>
<td>1,825,213</td>
<td>312</td>
<td>1,445,935</td>
<td>668</td>
<td>980</td>
</tr>
<tr>
<td><strong>2015</strong></td>
<td><strong>1,326,458</strong></td>
<td><strong>245</strong></td>
<td><strong>794,100</strong></td>
<td><strong>367</strong></td>
<td><strong>612</strong></td>
</tr>
<tr>
<td></td>
<td>(to June)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Electricity

- When leaving a room, turn off the lights – the switch is by the door!
- Switch off all electrical appliances at the end of the day, particularly PCs and monitors. Student PCs in Computer Rooms automatically power off at the end of the day, but not the monitors, nor printers!
- Even on standby, appliances still use some power
- When making a hot drink, only fill the kettle for the number of cups required (saves water and electricity!)
- Electricity bills averaged £13,800 per month across all sites for 2014/15

Heating and Cooling

- Ensure windows are shut during winter and open in summer (if needed) – room temperatures are automatically controlled in our new buildings
- Lowering the thermostat by 1°C reduces energy bills by 8%
- Wear appropriate clothing for the seasons
- Heating costs averaged £8,950 per month for winter 2014/15
Reducing Waste

Ask yourself: “Do I really need to print this?”, particularly e-mails. Also, preview the document before printing.

Print or copy double-sided wherever possible.

Re-use old documents (if blank on one side) for scrap paper/notes.

Lecturers – please use the VLE instead of producing leaflets, wherever possible.

Stationery items can be re-cycled/re-used – take these to Reprographics. Similarly, look there for any items you require rather than order new ones. This will help to cut stationery costs too.

Please do not put food waste in office waste bins – only in specified food waste bins which are located in kitchens, corridors and outside. Food ‘contaminates’ the rest of the waste collected, most of which can be re-cycled by our Waste Management Company, (and we are fined).

NB Recycling here may differ from council kerb-side collections at home.
Our LLDD students have dug a wildlife pond *(for which they were joint winners of the Ann Swaine Award in 2013)*

Our LLDD students have a bird feeding station and take part in the RSPB Big School Bird count

Bird and bat boxes have been installed on both sites

We have a wildflower meadow area at Harrow Weald and will be improving and monitoring it each year

Trees for Bees - 30 saplings were donated by the Woodland Trust for our campus as part of the “Trees for Bees” campaign

Our LLDD students built a bug hotel and are monitoring its use *(the project was entered in the 2015 Ann Swaine Award and was joint winner)*

Muntjac deer, ducks, frogs foxes and other wildlife have been sighted around the Harrow Weald Campus
We have solar panels at both Campuses - look out for the counters in the Learning Resource Centre and our new LLDD Building, at Harrow Weald and in Reception and the Enterprise Centre at Harrow-on-the-Hill to see how much power has been generated.

The panels have saved us over £18,000 (as at July 2015) in electricity costs since the first ones were installed in November 2012.
Parking on site is limited. Students have to apply for a parking permit (issued in extreme cases, or for disabled drivers)

Students, and staff, are urged to use public transport where possible to get to College. If arranging an Educational Visit, check the TFL website – for cheaper/ free travel (we are registered with the School Party Travel Scheme)

Cycling is encouraged and we have secure cycle parking on both Campuses. The London Cycling Campaign attend Freshers’ Fairs and Sustainability Week to give advice on safe cycling, maintenance, etc

The College has 4 mini-buses. All journeys are logged and monitored, as well as the diesel usage

Staff are encouraged to car share, especially when going between sites for meetings, etc
Help us achieve the College Environmental Aims

Encourage your Colleagues to do so as well – there is also a monthly ‘sustainability blog’ on the student portal

Support the annual *Sustainability Week* (usually held in March)

We have a Student Sustainability Officer on the Student Council

Any ideas or suggestions are welcomed:

Contact:  Jacki Staal, Estates Co-Ordinator – Environment
Sushmita Sen Sustainability Curriculum Champion
Student Council Sustainability Officer