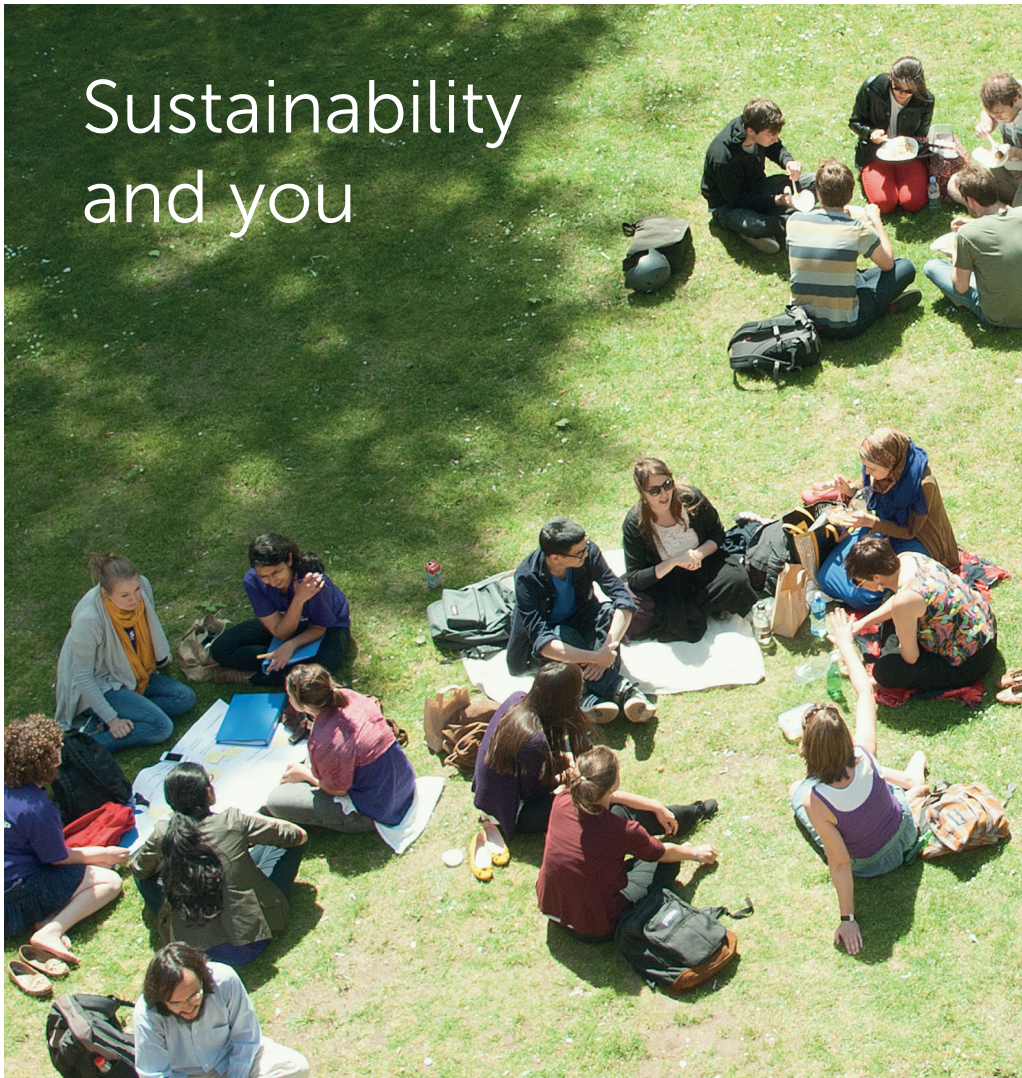


Sustainability and you



SOAS
University of London
— 100 Years —





SOAS DIVESTS FROM FOSSIL FUELS!



Our actions have consequences. Globally, we continue to release 90 million tonnes of CO₂ into the atmosphere every day and waste resources like there's no tomorrow.

To build a safer and more prosperous future for all, we need to embark on a path of shared responsibility and sustainability.

At SOAS, our updated carbon management plan and strategies to increase resource efficiency are important steps in this direction. But we will not succeed unless you get involved and play an active part in building a more sustainable School.

Don't let that tap drip, reduce and recycle waste, voice your support for sustainable purchasing and responsible energy procurement and help spread the word across SOAS—your actions matter.

Dr Harald Heubaum
Chair, SOAS Sustainability Group Lecturer in Global Energy and Climate Policy at the Centre for International Studies and Diplomacy

Baroness
Valerie Amos
Director of SOAS



"At SOAS we understand we live in a 'local global' world where topical issues transcend borders, climate change is one such example. That is

why we are committed to wanting to reduce carbon emissions and the environmental impact associated with our activities and operations.

We are lucky to have staff and student community who are committed to making positive change. The Solar SOAS group led a campaign which resulted in the installation of solar panels in the School, and the campaigning of a group of students under the umbrella of a 'Fossil Free Campaign' resulted in the School divesting from fossil fuels. Other initiatives

from the Student groups include, maintaining a thriving bee colony, running a successful gardening society and a food coop. These and other activities helped the Students Union achieve and maintain its 'Green Impact Outstanding' award. And the past five years have seen us reduce our carbon emissions by more than 50%, while continuing to reduce other areas of environmental impact.

Having implemented an Environmental Management System (EMS), and achieved the EcoCampus Platinum award – we reaffirm our commitment to striving to make additional improvements.

We at SOAS want to continue playing our part in safeguarding the environment for future generations".



Bees make honey

"If the bees disappear
from the surface of
the earth man would
have no more than four
years to live"

Albert Einstein



The SOAS Bee Keeping Society
was started in order to help reverse
the global decline in the bee
population. It aims to give SOAS'
community a closer connection to
these 'super important pollinators'
crucial to biodiversity and
agriculture.

Without bees 80% of plants will disappear.
To support the bee colony a garden with
bee-friendly plants and flowers annexes the
two bee hives. 10,000 is the number of bees
on the roof top at SOAS across two hives.

Get involved and learn the practice
and skills of bee keeping and find out how
you can help at:
soasbeekeepers@gmail.com

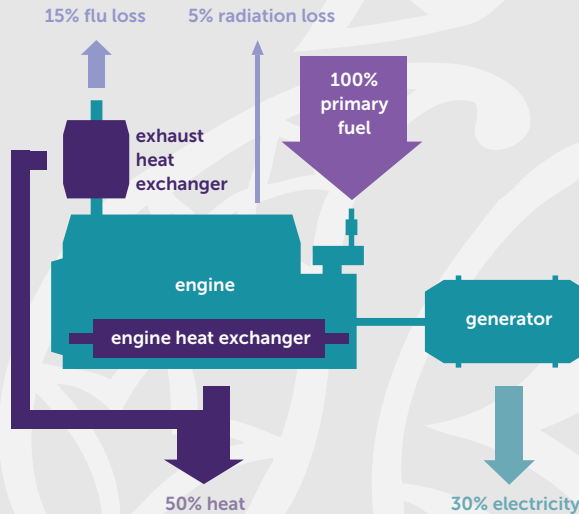


Worst kept secret—SOAS sits atop a ‘mini power station’

This is Bloomsbury Heat and Power (the BHP). This system generates electricity and heat on site via combined heat and power (CHP) engines for use by a number of Bloomsbury Colleges. This method of generation produces lower carbon heat and electricity than would be the case for buying

from the grid and just using boilers. The CHP system has been in use since 2000 helping all colleges lower their carbon footprint.

Our BHP produces around 8,253mwh of electricity a year—this is equivalent to powering 2,063 households a year!

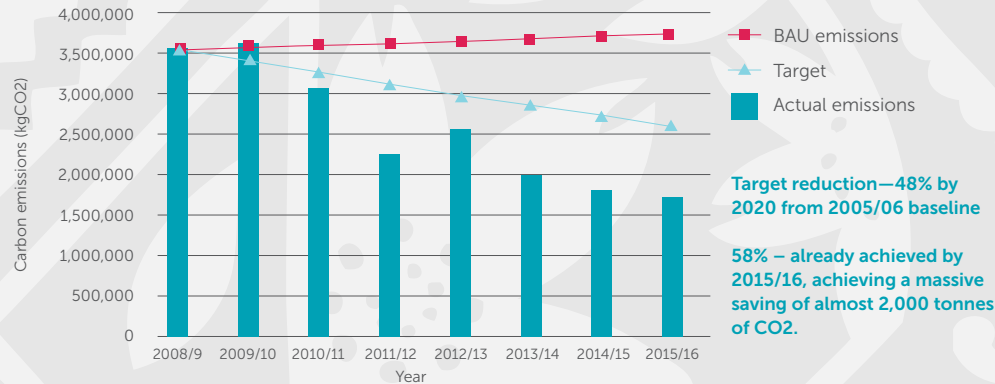


3x

CHPs are around three times more efficient than conventional grid energy.

Carbon reduction. How are we doing?

Comparison of actual emissions with BAU increases and reduction targets



58% carbon emissions saved

This is a fantastic achievement and here's how we did it

College Buildings

Philips Building

Heating controls

Voltage optimisation

Hot water heat recovery

Ventilation plant

LED lighting

Old Building

Heating controls

LED lighting

Refurbished energy efficient refectory

Refurbished toilets

Russell Square Buildings

Heating controls

LED lighting

Brunei Gallery

New chiller plants

LED lighting

What's next?

Refurbishment of Philips building with new LED lighting

Rainwater harvesting

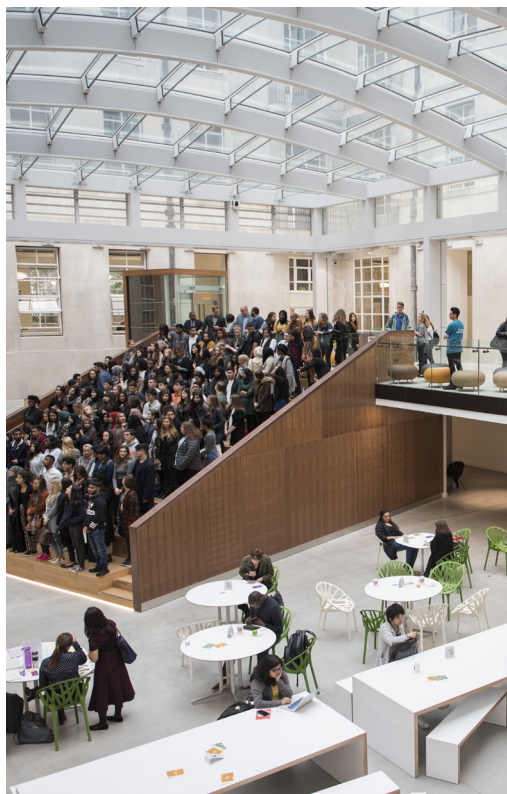
Improved insulation and new double glazed windows

New LED lighting for the Brunei Gallery and lecture theatre

Improvements to the Bloomsbury Heat and Power system



Senate House North Block



Over 8,000 tonnes of hardwood floor, soil, reinforcement steel and Portland stone from the construction process have all either been reused or recycled.

The combining of the old and the new: The making of an environmentally sustainable learning and teaching space for the SOAS community.

Design

The room layout and an innovative ventilation system helps fresh air to flow through the building so reducing the need for air conditioning especially during the summer months.

Rainwater harvesting tank

A rainwater harvesting tank will be used to flush toilets and help reduce the surge into sewers during storm conditions.

Heat and Power consumption

Reduced through the use of high efficiency boilers, LED lighting and an intuitive building management system.

BREEAM Excellent

The building is designed to achieve one of the highest accolades for building construction sustainability, BREEAM Excellent.



Solar SOAS

The SU is very committed to sustainability and is constantly looking out for new initiatives and opportunities.

Here are some of our initiatives and campaigns:

- SOAS community gardens initiative
- SU food coop—at cost price and organic
- Fossil Free SOAS campaign
- Meat free Mondays initiatives
- Campaign for increased access to water fountains

Want to get involved, or perhaps you have an idea for a campaign, drop in and talk to our environment and ethics officers. Contact us at: su@soas.ac.uk

Did you know that the JCR was refurbished and furnished almost entirely using recycled and reused furniture and materials where possible?



SU food coop

The Food Co-operative is Self-organised by student volunteers, empowering our community to source good affordable food and saying goodbye to the supermarket.

It is not-for-profit, sourcing healthy organic, fair trade foodstuffs from wholesalers including; wholegrain rice, quinoa, lentils, cous-cous, chick peas, seeds, oats, muesli, banana chips, honey and lots more on sale to students across central London. The coop aims to minimise plastic packaging, pesticides, food miles and exploitation

The food coop also organises talks, workshops, films and foodie adventures.

The Co-op is run by volunteers so sign up for a shift, be involved, dream up a project, bake bread.

Send an email to soasfoodcoop@gmail.com

SU Community Garden

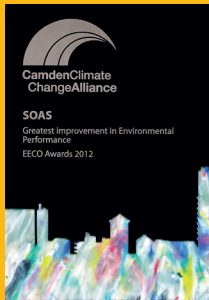


We have a community garden, run beekeeping, are involved in Fossil Free SOAS to divest from fossil fuel companies and are currently campaigning for increased access to water fountains. The Union considers the socio-political implications of environmental policy and has had debates about the value of box-ticking exercises versus real practical change.



Awards

SOAS picked up awards for innovation in energy efficiency and carbon reduction in 2011 and 'Greatest Improvement in Environmental Performance' in 2012 from the Camden Climate Change Alliance.



SOAS
Greatest Improvement
in Environmental
Performance Camden
Climate Change
Alliance 2012



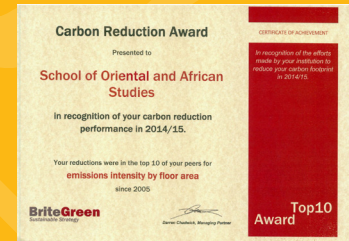
SOAS SU
Green Impact 2012/13



SOAS
Green Impact
2014/15



SOAS
Green Impact
2015/16



SOAS
The Brite Green Award certificate
in recognition of our carbon
reduction performance in 2014/15



SOAS
The People and Planet first class
award for moving up the UK
Universities Green League table to
25th up 49 places



The Greenthing is SOAS' sustainability brand. It is shared with the other Bloomsbury partner Colleges in the area to promote environmental best practice and carbon reduction.

Stay informed

Visit www.bloomsburygreenthing.com to find out about our plans to improve SOAS' environmental performance, policies and activities.

Get involved

Get in touch with the sustainability team to share your thoughts on sustainability & contribute to carbon reduction efforts.

With small but collective changes we can make a real difference.

www.bloomsburygreenthing.com
greenthing@bloomsbury.ac.uk



Eco Campus Award

SOAS achieved certification to the EcoCampus Platinum award (and ISO 14001) In 2016. These are International recognition of progress being made towards reducing our environmental impact, reducing carbon emissions and improving overall environmental management. These awards are externally audited and verified and also signifies SOAS commitment to keep on taking steps to continually improve environmental performance.



ISO 50001 certification 'coming soon'

SOAS has ambitions to achieve ISO 50001 certification (the international standard for energy management systems) by 2018.

ISO 50001

- Ensures continuous environmental improvements;
- ensures compliance with legislation;
- and ensures pollution prevention.

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