

RSL Green Impact Micro-Internship

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Introduction

- Aims
- Rationale
- Visits
 - Blavatnik School
 - CRL
 - SSL
 - Estates team

Blavatnik School



- Automated natural ventilation and daytime solar blinds
- Ground Source Heat Pump
- Solar panels electrical systems and low energy heating
- Rainwater harvesting, green roof and storm tanks

Social Sciences Library



Lighting

- Lights are left off when not in use

Photocopying and printing

- Switch off and unplug half the copiers during the vacation
- Photocopiers automatically go into low energy sleep mode
- Recycled paper used as standard
- Printers print double sided by default

Computers

- Switched off overnight
- Only switch on a few PCs in the morning
- Monitors go into standby mode by default
- PC monitor brightness is as low as possible

Waste recycling service

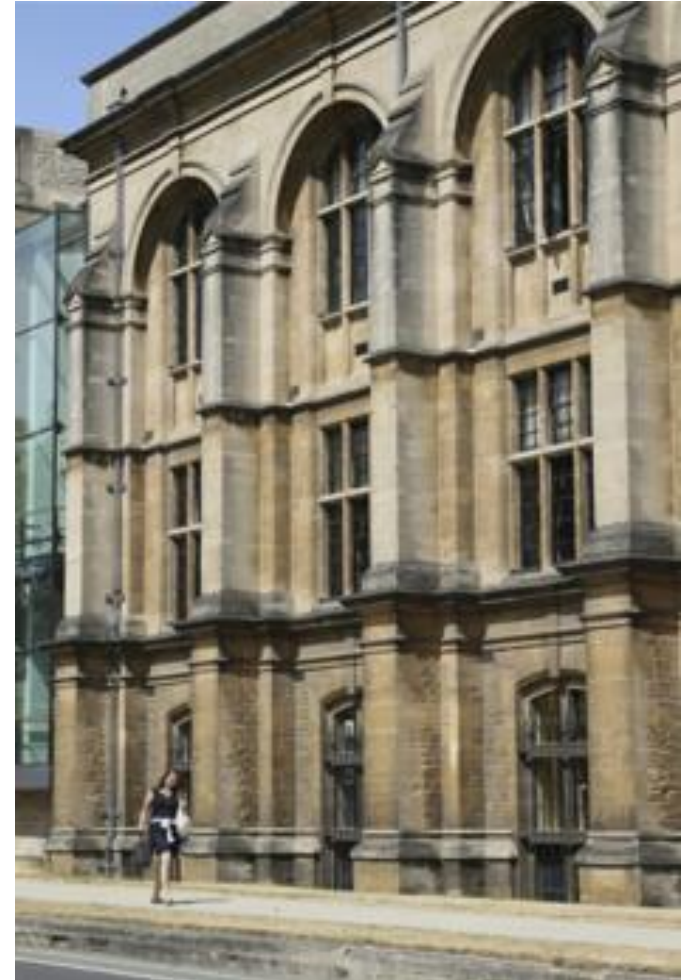
- KeepCups, SSL cotton bags and recycled stationary is sold
- Waste points available
- Unused/unwanted books sent to Better World Books for recycling

RSL Wishlist

- Use of space
 - Inside the building
 - Roof
 - Biodiversity
 - Carpark
- Improving efficiency
- Materials
- Bathrooms
- Café
- Waste from refurbishment

Use of space: inside the building

- Climate control or BMS
- Mechanical ventilation
- Passive house
- Warm atrium?
- Pumped drinking water



Use of space: Roof

- Solar panels
- Water collection
- Alpine roof



Use of space: Biodiversity

- Wildflower garden
- Bee boxes
- More plants
- Oxford's Swift population.



Use of space: carpark

- Parking spaces for disabled users
- Charging points
- Absorbent concrete



Improving efficiency

- Heritage double glazing
- Insulation on roof



Materials

- Heritage paint
- Revolving doors
- Carpets

Bathrooms

- Automatic taps
- Dual flushes
- Automatic lighting
- Paper towels vs blades



Café

- Local companies for food
- Food waste
- KeepCup discount
- Packaging recyclable and biodegradable



Waste from refurbishment

- WARP-it
- Art installations - public engagement
- Responsible waste disposal company
- Asbestos



Welcome to the University of Oxford WARP-it site.

WARP-it allows University staff to post unwanted (useable) items from University of Oxford, colleges or permanent private halls to share within the collegiate University.

Current Green Impact

- Recycling pen station.
- A battery recycling station could also be helpful.
- Turning some printers and computers off during less busy opening times.
- Setting printing to double-sided by default.
- Recycling points throughout the reading rooms.
- Use of Better World Books to sell on old/surplus books.

Conclusions

- In conclusion, we believe that the RSL refurbishment could lead the way for the refurbishment of more heritage buildings throughout the country. This is a real opportunity to make a difference and influence everyone's environmental awareness.