

Sustainability baseline assessment

This document outlines the current environmental performance of a part of SoES and provides a starting point for improvements to be made in the future.

Date	Completed by	Location(s) considered
16/07/10	Andy Biggin/Chris Hunt	Herdman Building and Geomagnetism

Waste To minimise the amount of waste sent to landfill	Please list all the waste streams at your building/dept (anything that is disposed of, and how):	<ul style="list-style-type: none"> • <u>General waste</u> • <u>Paper and card</u>: collections for recycling from main site as required. • <u>Batteries</u>: periodically disposed of via a specialist waste contractor • <u>Waste Electronic and Electrical Equipment</u>: as above. • <u>Ink cartridges</u>: returned to manufacturer where possible.
	What do you do to prevent/reduce waste ?	<ul style="list-style-type: none"> • <u>Paper</u>: Staff are encouraged to print and copy double-sided • <u>Organic waste</u>: Recycled as compost in the Geomag lab • <u>Plastic and aluminium</u>: Collected by individuals for recycling
	Is there anything you re-use rather than waste?	<ul style="list-style-type: none"> • People encouraged to reuse unwanted printouts as scrap paper
	What do you re-cycle ?	<ul style="list-style-type: none"> • Paper and Card • Electrical goods • Plastic and aluminium (informal)

Energy To minimise CO ₂ emissions	On campus, FM manage heat supply, and supply electricity to demand. But do you have any other energy consumptions?	
	What measures are in place to minimise electricity consumption?	<ul style="list-style-type: none"> • Stickers and posters remind staff to switch off any lights when they leave a room and appliances (e.g. printers, coffee machines, etc) at the end of the day
	What measures are in place to reduce heat consumption?	<ul style="list-style-type: none"> •
	Are there any other measures you consider to reduce energy consumption?	<ul style="list-style-type: none"> •

Water To minimise use	Do you have any measures in place to conserve water?	<ul style="list-style-type: none"> •
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Travel To minimise CO ₂ emissions	Please describe the most common types of business travel from your site:	<ul style="list-style-type: none"> • Journeys to other UK locations by train or private car. • Flights worldwide
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	What measures are in place to minimise the amount of business travel undertaken?	<ul style="list-style-type: none"> • Access to video conference facilities in NOCL and UoL
	Commuting; do you have any measures in place to reduce the impact of travel to work?	<ul style="list-style-type: none"> • Staff encouraged to use the UoL Travel Guide (facilitating car sharing, tax-free bicycle purchase, public transport use, etc)

Biodiversity To conserve and to promote.	Are you aware of any wildlife on your site(s)?	
	What do you do to conserve/promote biodiversity?	<ul style="list-style-type: none"> • Paper is from a certified sustainable sources

Infrastructure How are the sustainability/ environmental management responsibilities arranged?	What are the main drivers for your centre to carry out environmental management/ sustainability activities?	<ul style="list-style-type: none"> • Personal enthusiasm of staff members • School vision to be perceived as leading by example • UoL sustainability policies • Cost
	How do you communicate environmental management/ sustainability information?	<ul style="list-style-type: none"> • Emails from sustainability advocates • Posters in foyer
	Is there anything you measure and monitor which may be of use for environmental management?	<ul style="list-style-type: none"> •
	Is there anything that you keep records of which may be of use for environmental management?	<ul style="list-style-type: none"> •

Overview	Please summarise the nature of the work at your centre:	Earth and ocean science teaching and research
	Are there aspects of your work that have a positive environmental impact?	<ul style="list-style-type: none"> • Aspects of our research and teaching further knowledge about the climate system and biosphere. This increases awareness and understanding about sustainability issues with our students and the public at large