



Recommendations for LSE Estates Planning

March 16th, 2004

Focus: Sustainable Development

As LSE begins its estates planning process, we urge that the planning committee consider a broad view of efficiency in considering the structure of the new Clare Market, St. Clements, and East Building. As one of the intellectual centers of Britain, of Europe, and of the world, LSE should take a leading role in the growing “sustainable campus” initiative. LSE should promote awareness of our daily impact upon the earth. LSE should also take steps to operate the university with greater environmental responsibility and at lower cost.

Natural life

Create a greenhouse or garden on the roof of buildings.

Solar panel project

Install solar panels on the roof of buildings to generate power locally.

Clean Energy

Scottish and Southern Energy, sponsored by Royal Society for Protection of Birds, offer electricity supply from renewable sources such as landfill gas power, hydro power, and wind power, at market prices. LSE should consider contracting with this or similar services to provide a portion of required energy. (ecco has no affiliation with these organizations.)

Energy accounting

Energy use and waste production should be tracked and disaggregated at the level of individual departments or buildings. Academic or administrative departments could receive monetary bonuses for reducing energy use. A prominent visual LED display of ongoing energy use could be mounted somewhere in the new buildings.

Integrated recycling program

Install bins and receptacles throughout the new buildings for recycling of paper, cardboard, organics, plastics and glass. Create a series of educational posters to promote the new systems.

A list of commercial recycling collectors in London is available at:

<http://www.wasteonline.org.uk/resources/InformationSheets/OfficeRecyclingInLondon.htm>

Energy-efficient architecture

- Recycled materials: crushed glass for windows and insulation; crushed concrete for insulation, recycled aluminium for window frames, recycled cellulose for walls
- Natural ventilation
- Natural light

Energy-saving devices

- Motion detectors
- Equipment timers
- Water savers
- Fluorescent lights

Health impacts

Reduce health impacts during construction and after occupancy by using non-toxic materials.