

Total Efficiency in practice: London School of Economics

Client: London School of Economics and Political Science | **Project:** New Academic Building |
Sector: Public Sector | **Value:** £71m project cost | **Services:** Cost Management and Employers Agent |
Start Date: 2004 | **Completion Date:** September 2008

CHALLENGES

The existing building at 24 Kingsway lies within a conservation area and any development would have to be sympathetic to the surrounding area.

Converting an existing Edwardian building containing warren of cellular offices into a building that will be fit for a world class Higher Education Institution and meet the needs of students.

Delivering an asset for the client which represents best value throughout its Lifecycle.

SOLUTIONS

Retaining the facade and developing a new, modern building behind not only satisfied the requirement of the local council but also increased the projects sustainability credentials.

RESULTS

The BREEAM Excellent rating was achieved through, amongst others, the careful selection of ground water cooling, solar heating, use of natural ventilation and a cycle park.

Turning an outdated, inefficient and underutilised Edwardian government building into a modern university building that reflects the LSE's standing as a World Top 10 University.

The building facilitated the growth of student numbers from 7,500 to 9,000.

The structural works carried out to the existing building allow for the upper floors to be suspended from a steel truss at the 8th floor and the ability to create a column free atria with a 400 seat lecture below.

REFLECTIONS

According to Howard Davies of LSE "The New Academic Building marks a step change in the quality of our facilities for teaching and research. We intend it to be the benchmark for the future development of the estate."



Global construction consultants

Cost Management | Project Management | Program Management | Banking Tax & Finance | Building Surveying | Design Project Management | Engineering Services | Health & Safety Services | Legal Support | Management Consulting | Mixed-use Masterplanning | People, Place, Performance Consulting | Specification Consulting

<http://totalefficiency.davislangdon.com>