

VV

Plant layer

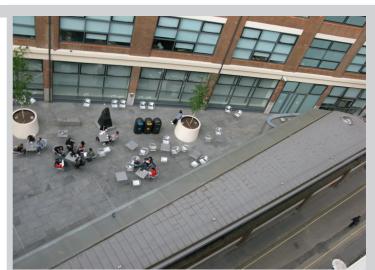
Substrate

Filter fleece

Drainage/water retention element Protection/moisture retention fleece Waterproofing

Insulation

Vapour control layer Roof deck





Plaza Café Green Roof

Project Information

Budget: Area/Size: Construction Period:

Design Team LSE Project Manager: Structural Consultant: Main Contractor: £ 12,500 100 sq m 21 - 22 April 2012

Phil Newsham Richard Jackson Ltd Plant Force Ltd



In 2011 students and staff at the LSE were invited to apply for up to £12,000 grant from a *Sustainable Project Fund (SPF)*. The fund is dedicated to supporting LSE staff and students to develop projects that enhance sustainability within the campus and beyond. It is administered by the Sustainable Futures Group. The inititive places emphasis on carbon management, biodiversity, waste reduction, sustainable agriculture, sustainable water use, social improvement, education and awareness and sustainable development. The first successful SPF project on the LSE campus was the Plaza Café Green Roof, through a successful application from Olivier Scialom, Sidharth Gopalan and Stanislav Bic. Green roofs enhance the biodiversity and value of urban areas by supporting species to thrive in cities – including the LSE campus. Green roofs can reduce flooding by improving drainage and reduce the urban heat island effect. They contribute to the LSE's Environmental Policy and form an integral part of the Mayor's Climate Change Adaptation Strategy and the London Biodiversity Action Plan.