

PHILIPS

Circular economy

Lighting up the National Union of Students office

Philips Lighting, 2015

The new office of the National Union of Students (NUS) uses Philips lighting throughout a full LED lighting and networked controlled Light as a Service solution.

Macadam House on Gray's Inn Road in London, the new office of NUS, has been completely refurbished to create one of the most sustainable offices in the country. NUS aimed at a high quality working environment for its staff and a building that embodies, promotes and delivers sustainability. Philips provided a pioneering approach to the procurement of lighting and other services and helped NUS achieve their sustainability goals.

The installed lighting electrical load of the 785 light points is just 5.9W/m², delivering significant energy and carbon savings compared to the traditional office lighting installation. Under the Light as a Service agreement lighting will be monitored online with

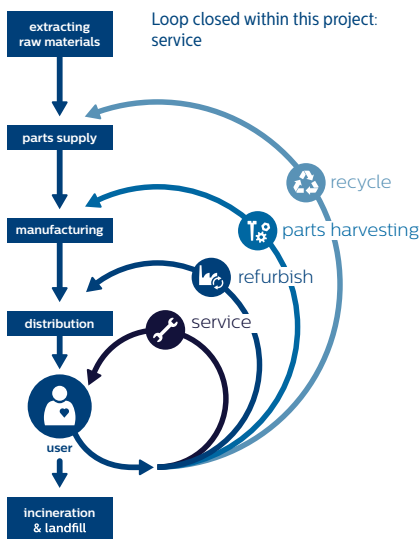
annual reporting back to NUS. Such a lighting solution provides the customer the advantage of the newest technology in LED lighting while ensuring the best energy and cost saving opportunities.



“As a registered charity we didn’t want to own services like the lighting; our priority was to ensure the lighting performed as required in terms of light levels and energy consumption.”

Jamie Agombar, Head of Sustainability, NUS

The circular economy



The essential enablers



business models

A 15 year Light as a Service contract including a services & warranty solution where Philips retains ownership until end-of-life.



design

The solution is customized and kept future-proof through energy monitoring, health checks, preventive maintenance, and possible upgrades.



collaboration

Together with project partner Saint Gobain Ecophon Philips supported NUS in reaching their sustainability goals.



reverse logistics

Philips retains ownership of the hardware throughout the contract period and will take the products back at end-of-life, or NUS purchases the fittings at end-of-life.

