

We all need make a concerted effort to be less wasteful and more efficient if we are to reduce our carbon emissions in line with the targets that we have collectively set (for example UWE's institutional carbon targets; the Climate Change Act; the Paris agreement).

The Students Union at UWE Key Facts:

ed year on year, saving 1.1 CO2 tonne

University Estates and Energy Team to monitor our  
 ily basis

update students via social media also, please

act for the next 4 years, and we will maintain all

to raise awareness of consumption and aid

Tonne CO2 equivalent

d year on year saving 1.1 CO2 tonne

g challenges on utilities through the data

until a full cycle, we do not see the impact on our

ct submission, but the subsequent data

ELECTRICITY: comparing 2014 in F block (Students' Union Floors) and 2017, there is a 17.92 Tonne CO2 equiv. saving! This is equivalent to around £4k+ (elec costs and taxes).

Compare:

	Electricity (kWh)	Tonnes CO2e from electricity
SU 2014/15 SU F block	208,189	85.78
SU 2015/16 New U block	192,172	79.18
SU 2016/17 New U block	193,018	67.86

Although the Electricity use has increased, the carbon intensity of the UK grid has decreased, resulting in the CO2 from the SU electricity consumption to have also dropped.

Due to the Students' Union's new building, the organisation is more prominent to students and offer meeting and events spaces, making us more used by students. This has enabled us to better achieve our charitable aims and to organise larger equality and diversity campaigns and events within our space. Even though the building is used more by students, we are still making an energy saving on two utilities.

To add some additional context to the increase of the electricity usage, we can analyse how much the U block space is used via a report from our booking system.

From 1<sup>st</sup> Sept 2016 -

Friday

4	Representation	4.55
5	Bar/Events	4.5
6	CEO & VP's	4.16

complete with suitable long life, low energy LED lamps. Installations were designed to “maintained” illumination levels as defined by CIBSE guidance and taking account of the depreciation of the lamp light output, luminaires and room surface degradation. All luminaires were selected for their function, and aesthetic suitability including use of vandal resistant units where appropriate. Luminaires (adjacent to windows) in areas which benefit from sufficient natural lighting dim via PIR detectors.

**WASTE MANAGEMENT** Waste diverted from landfill 76% The graph is attached.

**DISTRICT HEATING NETWORK** The plant room was connected to the new UWE District Heating network. This will reduce the Universities Carbon Footprint and works will start in the coming months to complete the final section of infrastructure on the Campus.

Please see the press release on new energy efficient building:

<http://www1.uwe.ac.uk/about/ourstory/campusdevelopments/studentsunionbuilding.aspx>