

Student accommodation carbon emissions addendum 2017/18.

Carbon emissions from student accommodation form a significant proportion of our overall footprint.

Emissions from University-owned accommodation are classed as Scope 1 & 2 under the WRI classification system, while emissions from accommodation owned by 3rd parties, which houses Bath Spa Students, is classed as Scope 3.

We have calculated the carbon footprint on a per-student basis for students living in Bath Spa accommodation, using in-house metered data (Table 1).

Carbon emissions from students living in 3rd party accommodation have been calculated using published data from Unite and from our local authority; B&NES (Table 1).

Average CO₂ emissions from BSU-owned accommodation is 0.72 t/y. This is 38% lower than the published Unite per-student emissions and less than half the emissions from average rented residential property in Bath.

This is important to note as Bath Spa has invested heavily in new student accommodation, both on campus and in the City of Bath. This has increased our own Scope 1 & 2 CO₂ emissions by almost 600 t/y but has decreased Scope 3 emissions by 1,604 t/y, reducing overall emissions by 1,000 tonnes per year.

Table 1. Carbon emissions from students living in Bath Spa-owned and third-party accommodation 2017/18

Accommodation	No. of students	tCO₂e/student	Total tCO₂e
Green Park House	461	0.78	362
Gardens residences	561	0.64	359
Lakeside residences	304	0.75	227
Bankside House	43	0.97	42
Unite	833	1.16	966
BANES	5,778	1.57	9,054
			11,009