

# ENERGY & CARBON REPORT 2018/19



## Summary

**THIS IS THE FIRST COMBINED REPORT FROM THE ENERGY & CARBON TEAM.**

**PREVIOUS REPORTS ON ENERGY & WATER AND CARBON EMISSIONS HAVE BEEN SEPARATELY PRESENTED.**

**THIS REPORT COVERS ONLY UK CAMPUSES .**



*Cripps Medical Centre*

### Energy costs increased by 3% to £12.9m

In 2018/19 the costs of Other fuel increased by 3% and electricity saw the largest increase at 6% or £460k. Our

procurement strategy allows us to mitigate much larger market rises by purchasing throughout the year.

### Carbon Emissions were down 7%

Our Scope 1 and 2 carbon dioxide emissions have shown an absolute reduction of 7% or 3,345t from 2017/18 and down 24,396t from 2009/10 baseline of 67,998t CO<sub>2</sub>.

### Total energy and water consumption was down by 4%

Other fuel decreased by 6.5% and electricity was down 0.3%, with a 7% reduction in water consumption.

### Russell Group Comparison

Energy costs per m<sup>2</sup> are 7<sup>th</sup> lowest when compared to the Russell Group, continuing previous years trend.

### The size of the University's estate grew by 1%

Cripps Health Centre is the only new building completed in 2018/19.

### Top Energy Consuming Buildings by Campus

The highest energy intensive buildings for electricity & Other fuel on each campus have been identified.



*Advanced Manufacturing Building*

### Renewable Generation

Our renewable systems continued to produce 0.5% of our combined electricity and Other fuels consumption, that equates to a saving of around 200t CO<sub>2</sub>

[nottingham.ac.uk/sustainability](http://nottingham.ac.uk/sustainability)