

## University's

# case study

### Sustainable campus' cutting energy on the road to Net Zero

With the demands from students requiring an eco-friendly and more sustainable offering at their university, it is vital for a campus to be doing everything they can, beyond just the obvious food and beverage offerings, to create a truly holistic sustainable environment for its students.

As sustainability goals continue to be pushed back, our client wanted to take proactive steps toward net zero by investing in long-term energy-efficient technology. Cheetah delivers immediate savings from the moment it's installed, cutting an average of 42 tonnes of CO<sub>2</sub> per university. That's the equivalent of the annual electricity usage of 15 UK homes or driving 105,000 miles in a petrol car, about four times around the Earth.

We began with a trial installation in one kitchen, and the results exceeded expectations, delivering even greater savings than predicted. Following this success, Cheetah was quickly rolled out across the entire campus, ensuring that energy consumption and carbon emissions continue to decline year after year.

**187,000** kWh

*kWh saved per year*

**42,100** kg

*CO<sub>2</sub> saved per year*

**£46,700**

*Pounds saved per year*

**54%**

*Reduction in fans energy consumption*



### Challenge

Universities are under increasing pressure to achieve net zero targets while maintaining high-functioning catering operations. Commercial kitchens are energy-intensive, with ventilation systems running at full speed. As sustainability commitments grow stronger, institutions must find smarter solutions to cut carbon emissions, improve efficiency, and meet their environmental goals.



### Results

Cheetah has significantly reduced carbon emissions, saving an average of **42** tonnes of CO<sub>2</sub> per university each year. We've already implemented Cheetah at Warwick, Edinburgh, and Birmingham, with plans to support even more campuses in achieving their Net Zero goals.