



## ANNUAL SAVINGS AGAINST BASELINE:



1,644,518  
KWH



£230,677



343.8  
TONNES  
OF CO2



REGENT'S  
UNIVERSITY LONDON

**-SERVICE DELIVERY-**

## CHALLENGES

- 24/7 operated facilities
- limited metering
- incomplete as-built information and drawings
- absence of site wide BMS network
- several BMS products obsolete

“ With the Carbon Cloud, we have increased our visibility of issues on our BEMS, been given the ability to make simple changes and have a cost-effective way of managing our systems 24/7, whilst improving our environmental footprint”

### Michael Collins

Estates and Facilities Management at  
Regents University of London Limited

Carbon Numbers has shown the value of a BEMS led approach to engineering, through directly managing the HVAC, BEMS and Electrical services at Regent's University London. Significant carbon saved the equivalent to planting 1,376 trees, with 693 assets managed via the BEMS and our team providing 24/7 support.

## SOLUTIONS

CN managed to improve the security of the facility's system via Carbon Cloud as well as make significant savings on mechanical resources through a move to BEMS-led PPM. On top of this, extensive sub metering allowed the campus to change its approach to mechanical systems. All plant is now controlled via cloud-base BEMS to increase uptimes and daily plant checks allow for performance to be managed in real time. CN ensured the campus is maintained via asset performance and delivered to SFG20, and that all projects are delivered to defined engineering standards. The systems and process adopted follow ISO 14001/ 27001/ 50001 and 9001.