



JESUS COLLEGE  
CAMBRIDGE

# January 2025 Progress Report

## Jesus College Sustainability Strategy 2020-2030



Photo credit: Dom Swift

## Foreword

Jesus College aims to be recognised globally as a leading academic institution where sustainability is intrinsic through engagement, collaboration, and innovation.

The College currently has 540 undergraduate and 467 postgraduate students, most of whom are full-time and living in accommodation managed by the College. There are 163 Fellows and Research Associates and 212 staff, with a variety of working patterns. Our ambition is that every member of our community will understand and embrace the principles of sustainability and act as a catalyst for positive, sustainable change for generations.

The College published its [2020-2030 Sustainability Strategy in June 2021](#), with three strands:

1. Identify and implement sustainable measures on the College site
2. Adopt a sustainability-driven approach to College activities beyond the site
3. Identify and encourage behavioural changes onsite and beyond (in time and space).

The strategy identified a series of aims and targets which the College is working on achieving over the decade. Progress on these will be reported regularly.

This is the third progress report and is designed to be read in connection with the Sustainability Strategy. The aims and targets are grouped according to a selection of the [United Nations Sustainable Development Goals](#) and progress and developments associated with each are reported in turn.

The form of this report is expected to evolve over time as sustainability metrics and reporting legislation evolve. We have added sections showing our engagement with sustainability and highlighting relevant events and newsworthy moments.

Christopher Marquis  
Chair, Environment Committee  
January 2025

## Sustainable Development Goal 7: Affordable and clean energy



## Progress against our aims and targets

- **Aim to achieve net zero carbon status for Scope 1 and Scope 2 emissions by 2030, avoiding any carbon offsetting as part of any strategy, while recognising that we may be constrained by factors such as local electricity infrastructure, availability of technology, and serious disruption to essential College activities.**
- **Using 2018/19 as the base year, reduce Scope 1 and 2 emissions year on year with target percentages agreed once data has been finalised.**

Energy Consumption (by academic year, September-August)							
		2023-2024	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Natural gas	Main site	3747 MWh	4392 MWh	4 095 MWh	4 530 MWh	5 030 MWh	4 163 MWh
	External housing	2001 MWh	2156 MWh	2 415 MWh	2 285 MWh	2 273 MWh	2 440 MWh
	<b>Total</b>	<b>5748 MWh</b>	<b>6548 MWh</b>	<b>6 510 MWh</b>	<b>6 815 MWh</b>	<b>7 303 MWh</b>	<b>6 603 MWh</b>
	Carbon footprint <sup>1</sup>	1049 te CO <sub>2</sub> e	1195 te CO <sub>2</sub> e	1192 te CO <sub>2</sub> e	1253 te CO <sub>2</sub> e	1 343 te CO <sub>2</sub> e	1 214 te CO <sub>2</sub> e
Electricity	Main site	2315 MWh	2150 MWh	2 183 MWh	1 819 MWh	1 459 MWh	1 598 MWh
	External housing	468 MWh	468 MWh	550 MWh	430 MWh	352 MWh	417 MWh
	<b>Total</b>	<b>2783 MWh</b>	<b>2618 MWh</b>	<b>2 733 MWh</b>	<b>2 249 MWh</b>	<b>1 811 MWh</b>	<b>2 015 MWh</b>
	Carbon footprint <sup>2</sup>	538 te CO <sub>2</sub> e	506 te CO <sub>2</sub> e	580 te CO <sub>2</sub> e	524 te CO <sub>2</sub> e	422 te CO <sub>2</sub> e	469 te CO <sub>2</sub> e

In 2023-24 non-renewable natural gas provided roughly 67 per cent of the College's Scope 1 and Scope 2 energy requirements, producing 1,049 tonnes (te) of CO<sub>2</sub> equivalent, principally for space and water heating.

By using electricity from renewable sources, the College has significantly reduced its Scope 1 and Scope 2 footprint.

Lower main site gas consumption in 2023-24 is linked to reduction in heating times for College residences.

- **Engage mechanical and electrical consultants to audit all buildings on the College site, establishing priority areas for improvement and providing detailed baseline data so that we can measure success in future reports.**

A consultant audit was completed, and baseline data is now available for College use. A Decarbonisation Action Plan has been developed. It is being used by the Decarbonisation Working Party (which reports to the Buildings, Bursarial, Environment and Property Investment Committees) to track progress against projects that contribute to the decarbonisation of the College; these projects include changes to buildings fabric, installation of fossil-free technologies, and improved data monitoring. Expert consultants are engaged where needed, and each project is prioritised according to an impact assessment that considers:

<sup>1</sup>. Calculated using the [Carbon Trust Carbon Footprint Calculator](#). Summaries in Appendix A and Appendix B.

<sup>2</sup>. Jesus College sourced all its electricity from renewable sources in these years; the values reported are for UK electricity sourced from non-renewable sources, for comparison.

- Sustainability leadership and academic and professional education
  - Reduced environmental impact
  - Behavioural change requirements and energy efficiency
  - Beneficial financial impact
  - External economic impact (including skills development).
- **Ensure that 100 per cent of our lights are LEDs by the end of 2024, via an accelerated refurbishment programme.**

Good progress has been made on upgrading the College's lighting to LEDs, with the following buildings now entirely lit by LED:

- Boathouse (75 new fittings)
- Quincentenary Library (460 new fittings)
- Cricket Pavilion (52 new fittings)
- Coleridge Room (44 new fittings).

A summer refurbishment of selected student residences (4 properties/130 new fittings) was also carried out.

Plans are in place for the roll out to North Court, First Court, Prioress's Room and East House.

Current works indicate that the College is now 40% lit by LEDs, with student residences 35% lit by LEDs.

Miscellaneous replacement of standard lights with LEDs will continue across the College's buildings.

- **Install double-glazed windows to improve airtightness and reduce heat loss.**

All College residential buildings and the majority of offices and workplaces now have double or secondary glazing in place.

- **Ensure that sustainability is considered in future infrastructure projects.**

All current works include sustainability initiatives such as removing fossil fuel-generated heating and hot water, adding double or secondary glazing, and enhancing insulation. Wherever possible, and subject to local planning authority consent, materials are sourced from the UK and the entire product life cycle, including embodied carbon, is taken into consideration at the design and procurement stages.

- **Adopt the University's Science Based Targets approach and engage in sharing best practice.**

Data continues to be entered into the Target's calculators. In time, the quality of the data will improve and reflect the changes being made to the fabric of our buildings, which includes planning the removal of fossil fuel-generated heating and hot water and encouraging more sustainable behaviours.

- **Install a large communal district heating system.**

The College and members of its Fellowship are active contributors to the [Cambridge City Heat Network](#): a strategic partnership between the City Council, the University, many Cambridge Colleges, and Anglia Ruskin University. A study has concluded that a network is likely to be feasible and the project has now entered a Detailed Project Development (DPD) stage.

Prior to implementation, all College decarbonisation projects are being considered as either standalone building projects or localised heat network projects (where numbers of College buildings can receive heat and hot water from the same source). All projects are subject to consideration as to whether the interventions applied would enable or prevent the buildings from being linked to a city-wide district heat network should that possibility arise.

## SDG 9: Industry, innovation, and infrastructure



### Progress against our aims and targets

- **Begin a consultation on transport, to include all constituents of the College community, with a view to launching a transport strategy in 2022.**

A College [Sustainable Transport Strategy](#) was approved by Council and published in November 2023. The strategy includes an action plan to meet its objectives. A separate Sustainable Transport Strategy Progress report will be prepared, with many of the short and mid-term recommended specific interventions and measures having been achieved.

- **Achieve and maintain 60 per cent of staff and Fellows using sustainable transport as their primary mode of transport when travelling to work by 2026.**

The College continues to monitor uptake of sustainable methods of transport for commuting via the Smart Journeys annual survey in October of each year. Statistics from the survey in 2023 show that 33% of commuters travel by car (of which 7% car share). There has been a marked decrease from 63% (2019) to 26% (2023) of commuters who live within 10 miles of the city whilst car travel has decreased from 48% (2019).

- **Commencing in 2022: launch a 15-year capital investment plan to improve the performance of our infrastructure, including electric, water, heating, insulation and waste initiatives.**

Consistent with previous years, sums were approved in the 2024-25 budget for environmental initiatives across the operational and endowment estate, with additional resource included in the 2024-25 budget for de-gasification and carbon reduction projects. This approach allows the operational teams the agility to respond to mechanical failures and replace equipment to sustainable alternatives in a timely manner and make improvements to our endowment estate properties. A longer-term capital investment plan is being prepared. It will consider:

- Analysis of current data
  - Prioritisation according to the best return on investment (financial cost and carbon cost) as detailed in the decarbonisation action plan
  - Projected operational costs<sup>3</sup> and product life cycles
  - Consultation and procurement
  - Funding sources.
- **Engage with University stakeholders to capture and share data and scientific evidence to influence environmental initiatives.**

The College continues to participate in the Bursars' Sustainability Sub-Committee and University Transport Working Party, as well as meetings with intercollegiate and University members and third parties. Members of the Fellowship are participating with the Cambridge City Heat Network's DPD.

<sup>3</sup> These are the costs of in-service support (including repairs, regular maintenance, and replacement parts) and disposal, and excluding the costs for any finance spent on concept development, assessments of options, design and manufacture of anything bespoke to us.

Inlectual Forum Senior Research Associate Dr Lily Tomson launched '[Climate on the bench: corporate bond benchmarks as a tool for institutional investors](#)'. This is the first mixed-methods study of asset owners covering the intersection between climate, corporate bonds, and index use. It looked at 309 major global asset owners, surveyed 65, and interviewed 11 Heads of Fixed Income – find out more on [LinkedIn](#).

## SDG 11: Sustainable cities and communities



### Progress against our aims and targets

- **Increase proactive internal and external communication on environmental issues.**

Below is a list of relevant events or achievements hosted or run by the College and its initiatives in the past year, plus news items that have focused on or referenced sustainability:

Aug 2024 – NEWS New Head Chef Sumit Chakrabarty

"I'm conscious that the food we serve must reflect the changing needs of diners and the College's commitment to the environment so we will be working more closely with sustainable suppliers and what is seasonal".

Jun 2024 – NEWS King's Birthday Honours

Visiting Fellow Chris Boardman was awarded a CBE, recognising his work promoting active travel.

May 2024 – EVENT The Past, Present and Future of Innovation in China

Professor Xiaolan Fu provided a lecture through the China Forum that included reference to China being at the world frontier in areas including electric vehicles and green technologies.

May 2024 – NEWS College Community Gardens

Ten raised beds have been installed by the terraces in Lower Park Street for students, Fellows and staff to tend, grow their own produce and connect with nature.

May 2024 – NEWS Summer Internship with Calima Solutions

A Jesus student worked in a team of three with other Cambridge students under close supervision at Calima Solutions on a 11-week internship. The project aimed to create an app to allow electric bike owners to park and charge their cycles securely at charging stations dotted around Gran Canaria.

Apr 2024 – NEWS Library Court redesign to benefit biodiversity

A mini wildflower meadow surrounded by pleached lime trees plus a number of wildflower beds have been installed in a boost for biodiversity. Other new features include mown grass pathways to allow people to walk among the wildflowers.

Mar 2024 – EVENT Unlock the 'Secrets of Nature': Exploring history, film, and environment

An interactive Cambridge Festival workshop hosted by the Intellectual Forum for children aged 10-14 explored the history of 'Secrets of Nature' documentaries from the 1920s and 30s.

Mar 2024 – EVENT Funding from fossil fuel industry could threaten integrity of research, academic workshop finds

A one-day workshop, which took place at the Intellectual Forum, brought together leading social scientists from universities across the UK, Europe and the United States who have pioneered research into the political activities of fossil fuel industries and their impact on university research.

Feb 2024 – NEWS College vies for 'Best New Building' in construction awards

The College is in the running for an award for best new building (under £2 million) category for a development in Elm Street which saw 21 garages and an electrical substation replaced by eight energy-efficient new homes to rent. Sustainability was a priority for the project.

Feb 2024 – NEWS College calls for banks to develop products which don't back fossil fuel expansion  
Jesus College has joined forces with 60 leading institutions and trusts in UK Higher Education, on a new effort to create a market for cash products that do not contribute to the financing of fossil fuel expansion.

Jan 2024 – NEWS Academic wins award for finance course focusing on sustainability  
A course developed and taught by Dr Ellen Quigley which seeks to challenge traditional ways of looking at finance and make the link between sustainability and the world at large was recognised in the Financial Times' Responsible Business Education Awards.

Dec 2023 – EVENT How cycling can save the world  
Former professional cyclist and Jesus College Visiting Fellow Chris Boardman discussed the positive impact of active travel on our communities and the environment at this Intellectual Forum event.

Nov 2023 – EVENT Behind the scenes of COP 28  
The Intellectual Forum hosted an informal conversation between IF Director Dr Julian Huppert and Jesus College Postdoctoral Associate Dr Nina Seega on the expectations for and realities of the 28th international climate conference.

Nov 2023 – SEMINAR with Andrew Sheng  
There was discussion about financing of SDGs and the gap between investments needs for an environmentally sustainable future and the availability of investment funds.

Nov 2023 - NEWS Jesus College launches first Sustainable Transport Strategy  
The Sustainable Transport Strategy encourages all College members, staff and visitors to employ low-carbon transport methods and outlines a series of measures to facilitate this.

Nov 2023 – EVENT Entanglements podcast: Nature Connectedness  
2023 Intellectual Forum intern Noah Rouse speaks to Dr Sam Gandy, an independent researcher working in the field of nature recovery, about how we all can deepen our individual connections with the natural world.

Nov 2023 – NEWS From Aviation to Zero Waste: Jesus College inspires better future with launch of Sustainability A-Z  
The A-Z contains practical advice for people at any stage of their sustainability journey. Covering topics as wide-ranging as shopping, investment, food, periods and volunteering, it is designed to appeal to everyone and to be sharable beyond the immediate College community.

Oct 2023 – NEWS Acclaimed architect elected an Honorary Fellow  
Yasmeen Lari, the first female architect in Pakistan and a champion of sustainable architecture, was elected an Honorary Fellow of Jesus College. Projects she has led range from large-scale planning proposals to mitigate flood and earthquake damage to the design of a clean-burning cooking stove with minimal carbon footprint.

Sep 2023 NEWS Fellow's sustainable fabric dye firm is Earthshot Prize finalist  
Dr Jim Ajioka, co-founder of environmentally sustainable fabric dye company Colorifix, which is a finalist for the prestigious Earthshot Prize 2023.

The Gardens team began to carry out no dig gardening to stop the release of carbon into the environment. The Gardens and Quincentenary Library teams created a bee bank and micro-allotments and recorded wildlife to add to national databases. They also won two Cambridge Sustainability Green Impact awards for commitment to the environment and greater sustainability. The College won a Platinum award for the third successive year, plus

an Excellence award for its seed library initiative submitted jointly with Churchill College.

News hosted on the College's Instagram covered topics including Bike Week 2024, the College's second-life scheme, the College's support for No Mow May, the launch of an A-Z of sustainable behaviours, and a visit from Dr Bike.

In addition, student presidents have highlighted sustainable events, seminars, and competitions within College, the city, and the University including Green Week, a biannual event to encourage sustainable living. They have also promoted free bike registration and reminders of the College's A-Z of Sustainability.

- **Establish a protocol to manage student living space better, including turning lights and computers off, closing windows, and turning the heating off when they leave the room. This change of behaviour could be encouraged via Freshers' week, using data from the previous occupants.**

A [Sustainable Behaviours Strategy](#), allowing individual agency on positive behaviours to adopt, has been approved.

Utility usage data by household is published on JNet.

In Michaelmas Term 2023 a trial of Ecosync Smart Thermostatic Radiator Valves was completed in North Court, allowing users to virtually insulate or turn on room heating whilst absent. The success of this trial encouraged the roll-out of the system to additional residences. Additional iSense smart radiator valves have been fitted in College meeting rooms; these isolate the heating when the room is not in use.

The provision of heating to residences, offices, sets and workplaces has been revised to ensure heat is provided when it is needed and not during times when spaces are generally vacant. For student bedrooms, the heating is now typically available for eight hours per day at the start and end of the cold months split across the morning and evening. This rises to 10 hours per day midwinter and during the coldest weeks of the year. The impact of heating reductions can now be measured more accurately due to the installation of building sub-meters and connectivity to an updated, site-wide, Buildings Management System (BMS).

- **Develop and launch a plan to reduce water consumption by 10 per cent by 2024.**

It is anticipated that measures to reduce consumption and simultaneously introduce use of harvested rainwater will play a combined role. Benchmarking data will be considered by the Environment Committee as one of their priorities for 2023-2024; the data is awaited. Areas of the College have been identified as potential sites for the storage of harvested rainwater.

A Government guidance document entitled [Addressing Water Scarcity in Greater Cambridge: Update on government measures](#) was published in March 2024. It includes the statement: 'The Government has made a one-off commitment to work with local partners to address the deficit in water supply, until water companies bring major infrastructure online, through a new water credits system. This is underpinned by a major investment in measures to offset new demand for water in the area through retrofitting water efficient devices in existing buildings'. It also includes a statutory target to reduce the use of public water supply by 20% per person nationally by 2038 and a Plan for Water, a roadmap to water efficiency. The Government plans to pilot this in Cambridge by:

1. Reducing water use in new buildings;
2. Reusing more water; and

### 3. Offsetting water use.

It is acknowledged that the College will have a role to take in assisting with the delivery of the Government's aims.

- **Update our environmental specification for all future building works, with a view to exceeding building regulations.**

All architects and consultants working with the College on building projects are made aware of the College's commitment to sustainability. Current industry standards/frameworks used for environmental buildings projects (such as Passivhaus, Breaam and EnerPhit) will always be considered for adoption when we commence buildings works.

The pace of change is significant, especially when it is related to product design, and so we will continue to engage with consultants so that we have the best possible understanding of emerging technologies that may work well for the College. This includes photovoltaic technology, battery storage of renewable energy, hot water storage and ASHPs, and how they may be fitted in listed buildings.

- **Audit the College's external land and property holdings in order to build a clear picture of where and how improvements can be made.**

A Jesus College Baseline Report and Strategy has been developed by Evora; this includes the College's operational and Endowment portfolio. It contains the following recommendations:

- Student engagement: this will be required to minimise the demand for consumption within assets. As identified in the research, where occupants do not pay directly for energy, consumption tends to be on average 35% more than typical and therefore there is significant scope to reduce energy waste.
- Tenant engagement: in addition to energy data collection, tenant engagement will be required in order to undertake improvements within assets especially where the College has limited influence (e.g. where the College only own the ground lease).
- Improving data quality: whilst generally data quality/availability is very high for this fund, there has been use of estimates/extrapolations in the analysis. A tenant engagement strategy should be implemented to increase coverage of tenant data; this may include the installation of additional meters, automation of data collection and quality control processes.
- Net zero carbon audits: the specific interventions required to get to net zero carbon will vary between assets. Undertaking net zero carbon audits at a sample of representative assets would be useful in specifying a more accurate roadmap for each asset. Audits also provide an opportunity to engage with tenants to better understand their priority and concerns. For the operational assets, it is likely that much of this information may already be available and requires consolidation so that there is a clear roadmap for each asset.
- Common intervention action plans: there are likely to be common approaches to improving energy efficiency across the assets (e.g. heat pumps, solar etc). Creating a portfolio-wide approach to these actions would be efficient and benefit from economies of scale.

The Housing and Property Manager, working with the Bursar and external property management consultants Bidwells, continues to engage with commercial tenants to promote sustainable behaviours and investment in their built environment as per Evora's recommendations. The Domestic Bursar continues to work with the Tutorial

Department Manager, the Student Presidents and their Environmental and Ethical Affairs officers on matters of sustainability and achieving the College’s net zero aspirations.

## SDG 12: Responsible consumption and production



### Progress against our aims and targets

- **Maintain current zero waste to landfill status throughout 2024 and subsequent years for all College operations waste.**

All waste from kitchens and housekeeping is being sorted and the College has maintained its zero waste to landfill status for the past 5 years.

- **Increase the amount of waste that goes to recycling to 80 per cent by the end of 2022.**

Recycling rates between January 2024 and June 2024:

- Whole College 51%
- Lower Park Street Compound 50%
- Satellite stations 52%.

With the aim of increasing recycling rates to 80 per cent in 2024, this matter needs further consideration.

Some departments have led individual drives to improve recycling of single items. The Porters' Lodge took part in the Tub2Pub campaign to recycle donated confectionary tubs and save polypropylene plastic from landfill, and the Development team recycled old clothing donated by staff.

- **Eliminate single use plastics across the site by 2022.**

Single use plastic is no longer used for customer service and consumer operations. A limited amount of single use plastic continues to be used in the kitchens by our suppliers for purposes such as packaging. In 2024, it remains very difficult to eliminate this while observing food safety and hygiene legislation.

- **Develop purchasing guidelines, which include a product life cycle approach, and train key staff by 2022.**

This work remains outstanding and is a priority for 2024 as an element of the waste management review.

- **Reduce meat-based meals to 20 per cent, increase plant-based meals to 30 per cent, and increase vegetarian meals to 50 per cent by the end of 2021.**

On one day each week College food operations serve vegan and vegetarian food only, and on a second day each week offer fish and vegetarian options only. On other days, when meat and fish are provided, sustainably sourced fish and non-ruminant meat are on offer. Statistics from the College Cafeteria (Caff) only, from July 2023 to June 2024 show:

- Vegetarian main courses served – 9,323 (24 per cent)
  - Compared to 10,879 (30 per cent) in the previous year
- Plant-based main courses served – 7,267 (18 per cent)

- Compared to 7,723 (20 per cent) in the previous year
- Fish main courses served – 5,202 (13 per cent)
  - Compared to 5,950 (16 per cent) in the previous year
- Meat main courses served – 17,019 (43 per cent)
  - Compared to 12,758 (34 per cent) in the previous year.

Trends have not yet become clear. We are paying close attention to this matter while we seek to understand what is driving meal selection choice.

- **Reduce ruminant meat-based meals to 10 per cent across College catering operations. This excludes commercial activity, where we will continue to encourage non-ruminant meat options.**

From Autumn 2024, none of the conference menus offer ruminant meat.

- **Introduce signage in our catering facilities to inform consumers about the provenance and sustainability of our ingredients.**

The College catering team offers a traffic light system to advise on the fat, salt, or sugar contents of all main dishes in Caff. Where possible, the provenance of produce is reported on menus. The sustainability vision is available on the website for all to see. In future years, the aim is to incorporate further signage for the rest of the operation.

- **Implement a food waste monitoring and data collection system so reduction targets can be set.**

Caff has scraping stations where students and staff scrape their plates of leftover food and this food is then weighed and disposed of. A daily average of 3kg is being collected – this is a small amount, equivalent to less than five per cent of all Caff food plated.

This number does not include kitchen or servery waste which we have now started to record. Portions of waste go into the till system to allow waste to be measured as a percentage of the total prepared to influence future ordering and food prep. Meaningful statistics will be available in the next update. When safe and hygienic to do so, food is reused, for example meat cooked and safely chilled is served as jacket potato filling.

- **Use of consumables.**

The Housekeeping team switched from Jangro chemicals to Ntrl, natural cleaning products which are super concentrated so you get more uses from a container. The products are packaged in PCR (post-consumer recycled) bottles, which reduces CO<sub>2</sub> emissions and physical plastic pollution. The outer boxes are made from 100% recycled certified cardboard and the supply chain and manufacture is based wholly in the UK.

The Environment Committee seeks feedback from College members on any matter relating to sustainability and includes time in their meetings to discuss matters raised. In 2023 a staff member raised the question of printed materials and asked if College printing could be reduced. The query prompted a request to see printing statistics. Student printing and printing undertaken by Fellows of the College at their Departments was not included in the count.

In 2023-2024 College printers and photocopiers produced 311,663 copies (average of 6,000 per week). In addition, printing outsourced to local printing companies included:

- Posters
- Book plates
- Barcode labels
- Term cards
- Music Lists
- Conference leaflets
- Visitor booklets
- Order of Service booklets and programmes
- Postcards
- Business cards
- Name badges
- Reports of accounts
- Display boards for exhibitions
- Accommodation notices
- Christmas cards
- Headed notepaper.

Departmental Heads have been requested to review their printing needs with the aim of reducing them by the next update.

Some teams have already made significant progress. The Development and Alumni Relations team only posted publications to UK alumni last year to save on printing copies, and they reused cardboard boxes for packaging merchandise orders. The Finance team is moving away from paper-based solutions to digital solutions; the new finance system due in 2025 will support this aim.

## SDG 13: Climate action



### Progress against our aims and targets

- **Aim to achieve net zero carbon status for Scope 1 and Scope 2 emissions by 2030, avoiding any carbon offsetting as part of any strategy, while recognising that we may be constrained by factors such as local electricity infrastructure, availability of technology, and serious disruption to essential College activities.**

The cost and non-financial feasibility of achieving net zero carbon status while avoiding any carbon offsetting remains under discussion.

Completing improvements to our existing buildings remains a key priority, and we acknowledge that this is essential to achieve our challenging targets. Winning hearts and minds within our community to embrace behavioural change remains a priority. Preparing our community to enable change and accept disruption, such as fluidity in accommodation to facilitate building works, is essential if we are to achieve our targets.

- **Develop a 'Green Hub' for events and training.**

The student-led 'Green Hub' project has been paused.

Student members have successfully introduced and delivered an informal second-life scheme for the sharing of unwanted household items.

- **We will continue to place sustainability high on the agenda when planning all future developments to the College.**

In 2023, new [PhD studentships for Climate Science Research](#) were made possible following philanthropic support from alumnus James Marshall (1986). Candidates for the Cambridge Zero / Marshall Foundation Scholarships will start in 2024, researching ways to develop sustainable solutions for the planet, society, and the economy. They will be recommended by the Schools of Technology and Physical Sciences, in partnership with Cambridge Zero, and hosted by Jesus College.

In October 2024, College Council held a strategic away day, with estate planning and the route to net zero being two of the topics timetabled for discussion.



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