

Section 2: The BU journey

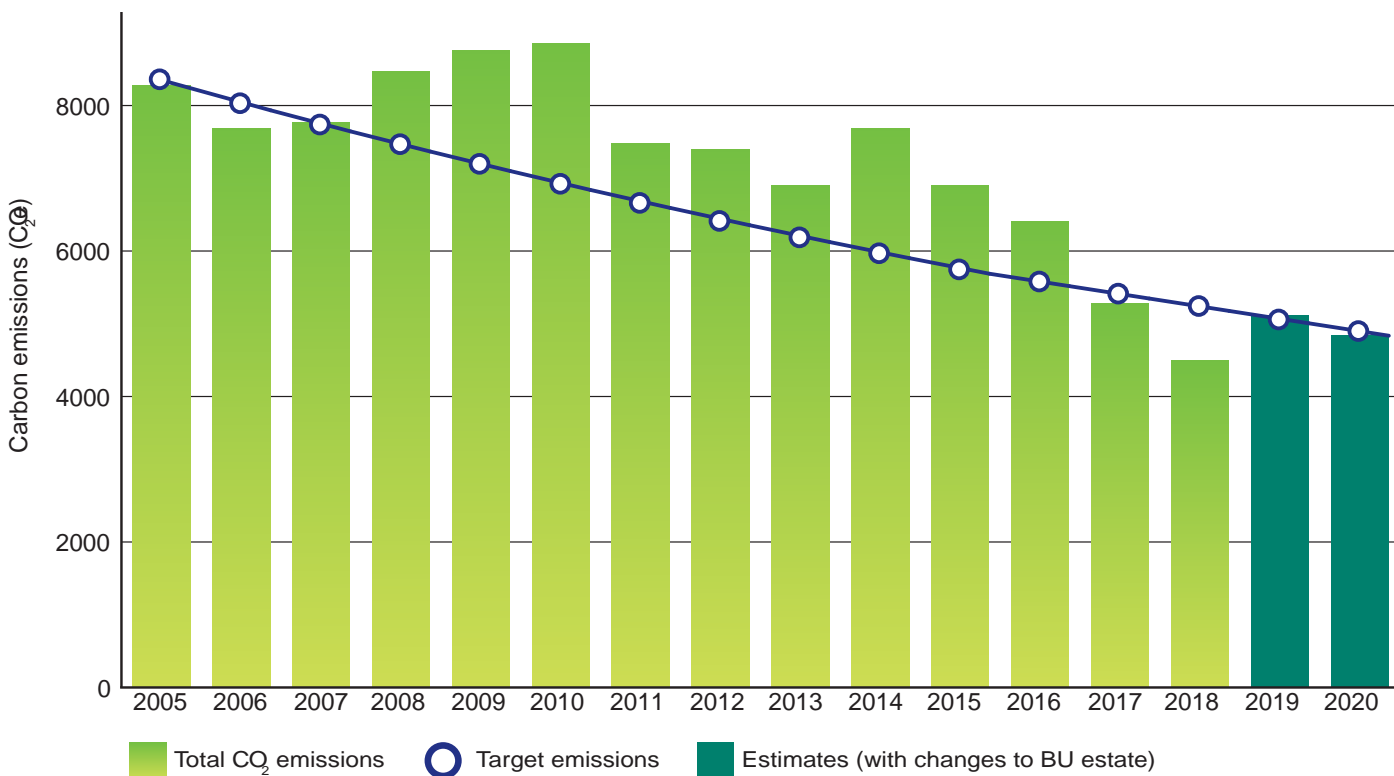
2.1 What has BU done so far?

BU's implementation of its Biodiversity Policy and action plan has improved the ecological value of habitats on its campuses. All new buildings have integrated biodiversity net gain features, such as green roofs and bird boxes.

BU has also implemented carbon management plans (CMPs) since 2010 and set a target to reduce emissions by 40% by 2020/21. BU has been extremely successful in driving down emissions, achieving a 45% reduction over the

past fifteen years (See Figure 2). This was achieved through investing in our estate and infrastructure, staff and student engagement and the decarbonisation of the national electricity grid. Achieving the 40% reduction target two years early triggered the development of the CECAP, and our response is shaped by our need to take urgent action to address the crisis.

Figure 2: Actual vs predicted greenhouse gas emissions from 2005/06 to 2020/21



2.2 What do we want to do now?

BU recognises its vital role as an educator, research base and community in helping tackle the crisis. The CECAP sets out a comprehensive plan of action, addressing both

mitigation and adaptation to the crisis and is driven by our set of BU community values.

The target of the CECAP is to achieve net zero emissions across all activities of the business by 2030/31.



Section 3: Our vision and aims

3.1 What is our vision?

Our net zero vision is a BU community that recognises the need to live in harmony with the natural world to protect the survival and wellbeing of all communities and takes action to enrich society for the benefit of people and planet.



Lead by example

We lead by example at all levels, embedding our response to the crisis within all governance processes, policies, reward systems and structures, and we deliver actions to both mitigate, and adapt to, the crisis.



Rapid emissions reduction

We reduce our greenhouse gas emissions as rapidly as possible across all activities, with particular focus on energy consumption, transport and capital development, and investing in high quality carbon offsets, where necessary, to achieve the net zero target.



Maximise academic opportunity

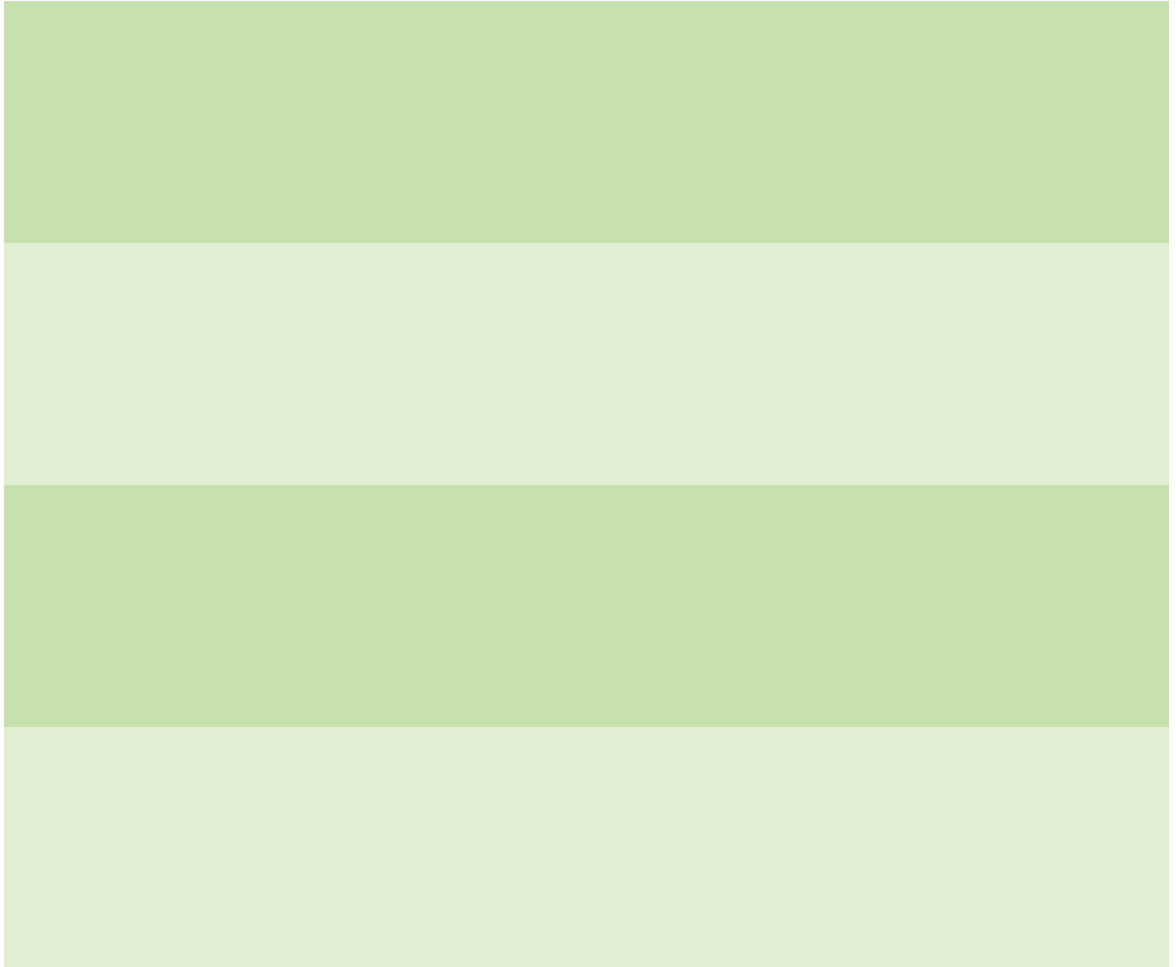




4.4 Framework to becoming a net zero business

Setting such an ambitious target requires the whole BU community to adopt more sustainable practices, and the

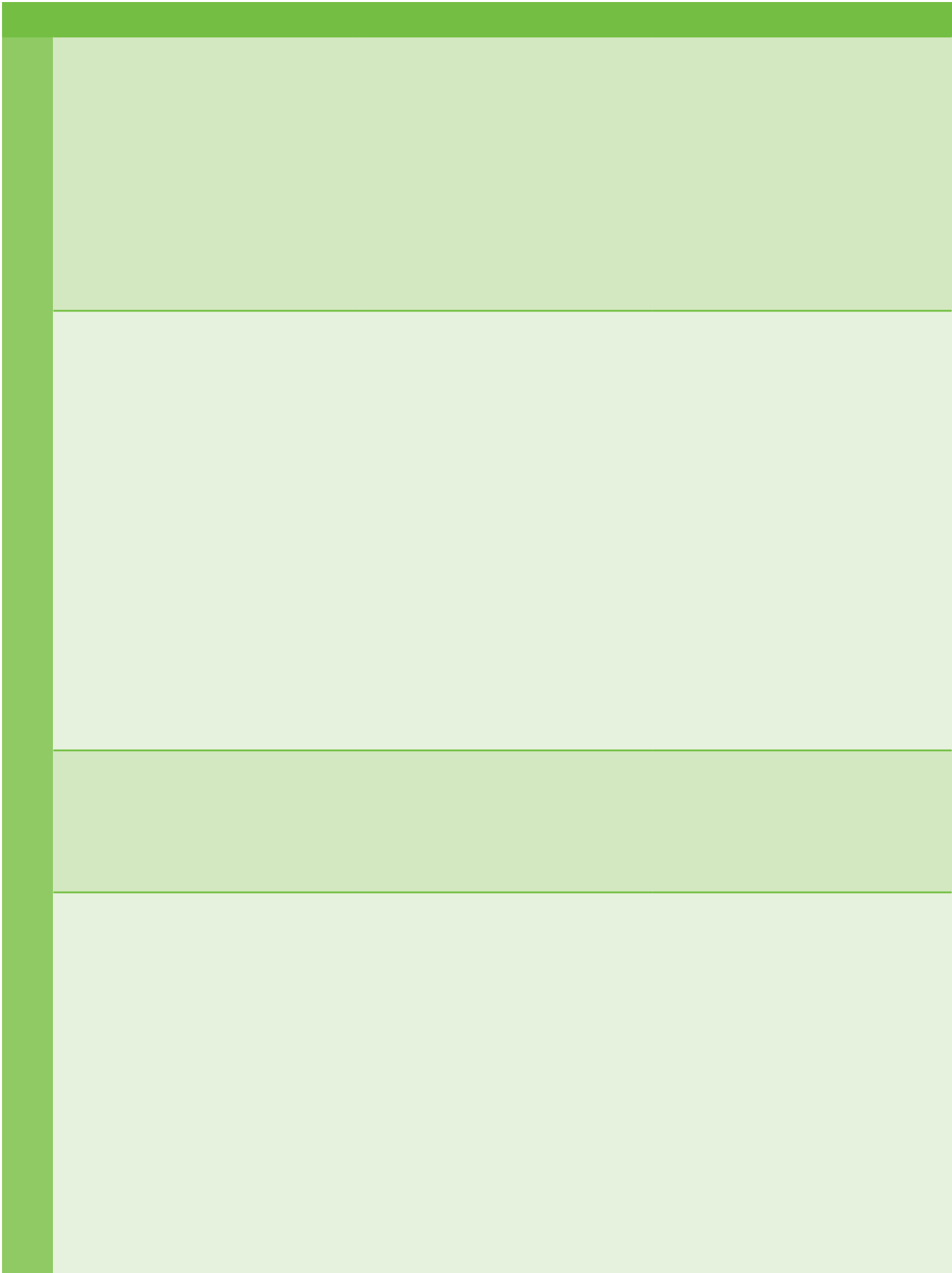
Beyond technical fixes, these four factors will be



4.5 Our CECAP objectives

The CECAP builds on all our work to date including previous CMPs and the Travel Plan by setting out a broad framework for action captured in the following objectives.

The objectives should act as touch points over the period to 2030 to enable us to check-in on progress and ensure we



5	Rapidly reduce GHG emissions through technology solutions	To achieve a 50% reduction in emissions by the end of AY2030/31 against a 2018/19 baseline by maintaining a science-based decarbonisation trajectory, and better if possible.	<p>Implement projects to reduce emissions across all activities</p> <p>Continue to install renewable energy and water technologies</p> <p>Optimise building energy, water and use performance</p> <p>Move from gas to electricity for heat & hot water</p> <p>Implement a building cooling strategy</p>
6	Implementing net zero carbon capital development	Adopt and implement the UK Green Building Council Framework Definition for Net Zero Carbon on all major development projects.	<p>Update Sustainable Construction Policy with net zero and NBS commitments</p> <p>Implement net zero principles at design stage for construction projects</p> <p>Ensure budget envelope includes net zero commitments including setting embodied carbon and waste emissions</p>
7	Managing climate change risk	<p>To implement climate change adaptation measures, such as nature-based solutions, as described in the climate change risk register.</p> <p>To quantify risks according to the Taskforce on Climate and Financial Disclosures guidance and include in the annual financial report.</p>	<p>Incorporate mitigation and adaptation measures into risk management processes across BU</p> <p>Start to quantify and report climate and ecological crisis financial costs</p>
8	Data management and reporting	To MCID 7 >>BDC -0. Tfn ro c	

6.2 How can I make a difference?

Staff and students are encouraged to use the circle of control model to keep track of how their actions can make a difference (See Figure 10).
