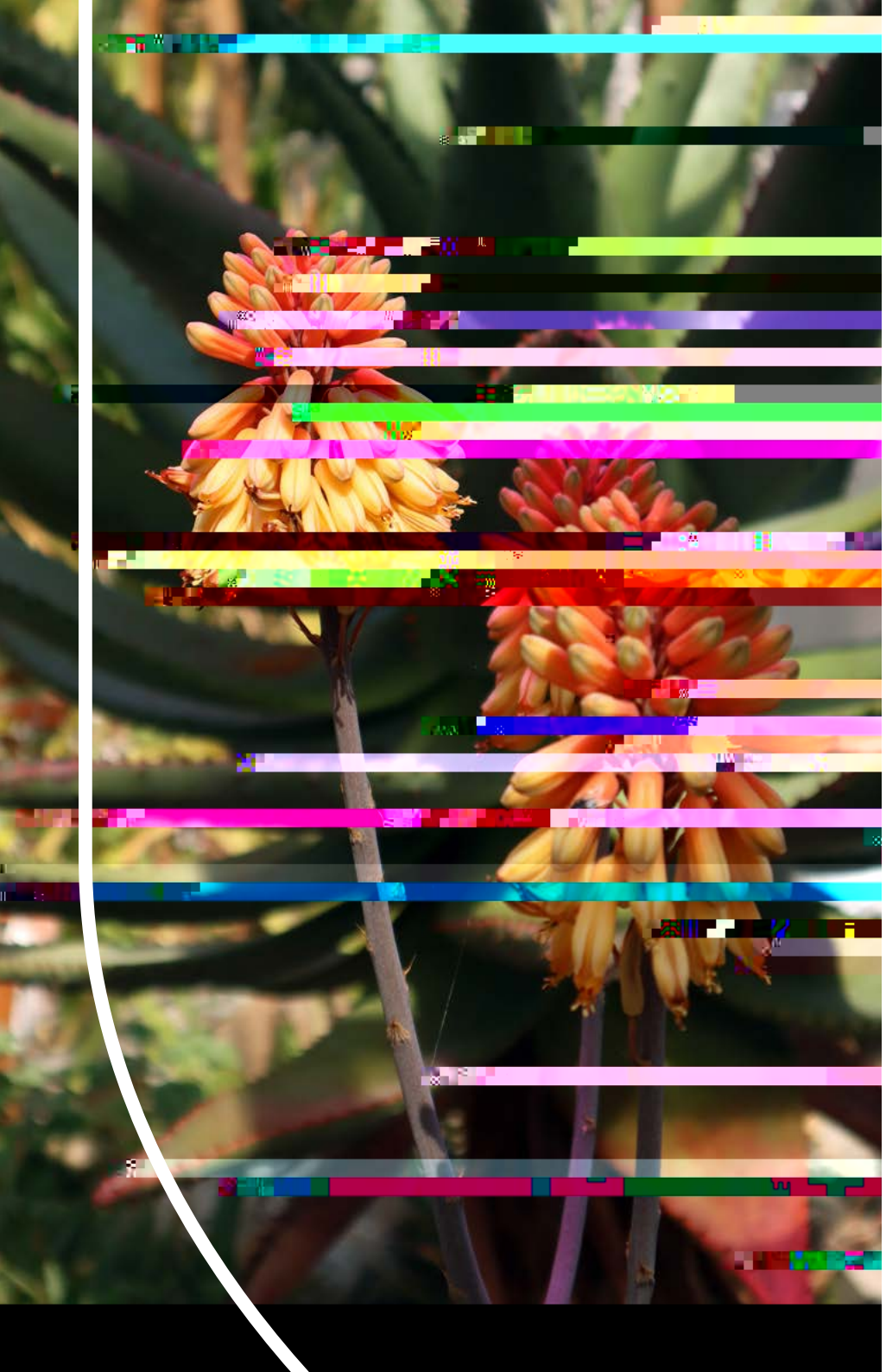


CONTENTS

INTRODUCTION

The annual Environment Report summarises the University's performance during the 2021-22 academic year against key environmental sustainability targets and objectives, as well as providing a wider review of initiatives and vision going forwards. The Report evaluates energy and water usage, carbon emissions, waste production and the environmental impacts of travel and transport. It also highlights some exciting developments, including to preserve and increase biodiversity and create new habitat for wildlife across the University's estate.

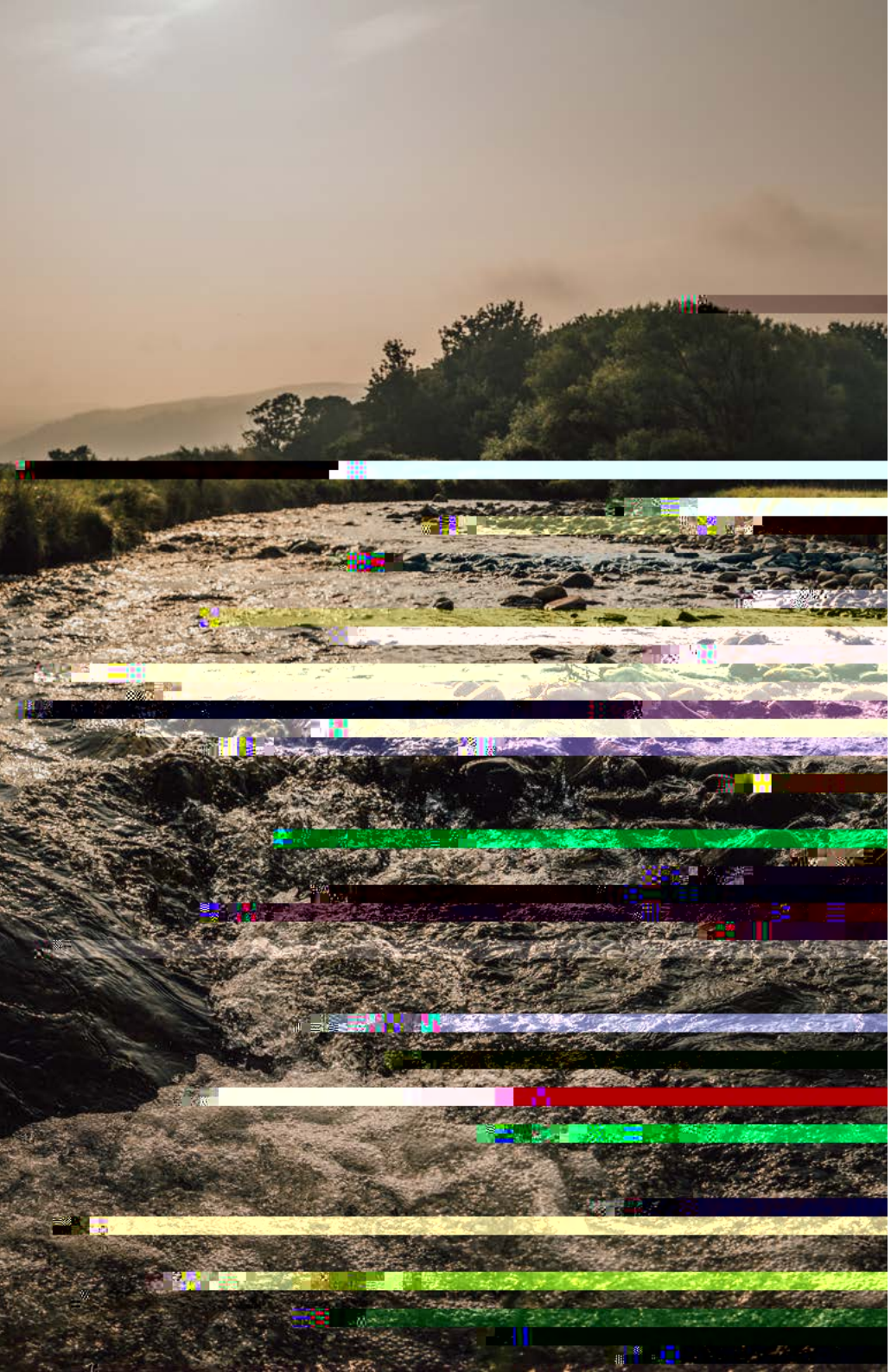
Many of the 2021-22 environmental targets and objectives reflect the journey towards the delivery net zero Scope 1 and 2 by 2030. Reassuringly, the University has achieved many of these targets and objectives, including reducing Scope 1 and 2 carbon emissions by 27.9% over the last three years from University buildings, or the equivalent to 2,645 tonnes of CO_2e . The University has also developed a strategic approach to further reduce emissions and updated and aligned many of its policies and procedures with the overarching goal of carbon reduction.

Crucially the University published its Carbon Management Plan (CMP) in April 2022, which defines the principles of an achievable, clear, and measurable plan for the future attainment of net zero Scope 1 & 2 by 2030 and outlines a route to tackle Scope 3 carbon (emissions from indirect sources).

Reducing the University's waste production and emissions from travel and transport will help reduce its Scope 3 emissions and make a positive impact on the wider environment by slowing the rate of climate change and protecting biodiversity both locally and globally. Although the University did not complete a draft Travel and Transport Plan in 2021-22 in line with its target, it continues to work on the Plan to reduce carbon emissions from travel and transport. The University reused and recycled 57.7% of its waste in 2021-22, which was an increase of 2.7% from the previous year but there is still more work to do as the University's long-term target is to achieve a rate of 70% reuse and recycling by 2025.

The University monitors and manages aspects of biodiversity as a part of its ISO14001:2015 accredited Environmental Management System and progress on biodiversity is reported annually to the Sustainability Strategy Group. The University has an Environmental Policy and the Biodiversity Action Plan is currently being updated. The Biodiversity Action Plan defines our priority areas for biodiversity action, sets targets for enhancing biodiversity and ensures biodiversity is included in decision making regarding estate management.

IMPACT AREA	TARGET	STATUS
Environmental Compliance	T1 Ensure compliance with all relevant legislation and obligations associated with our activities and prevent the pollution of the natural environment and demonstrate compliance	**Achieved**
Waste Management		



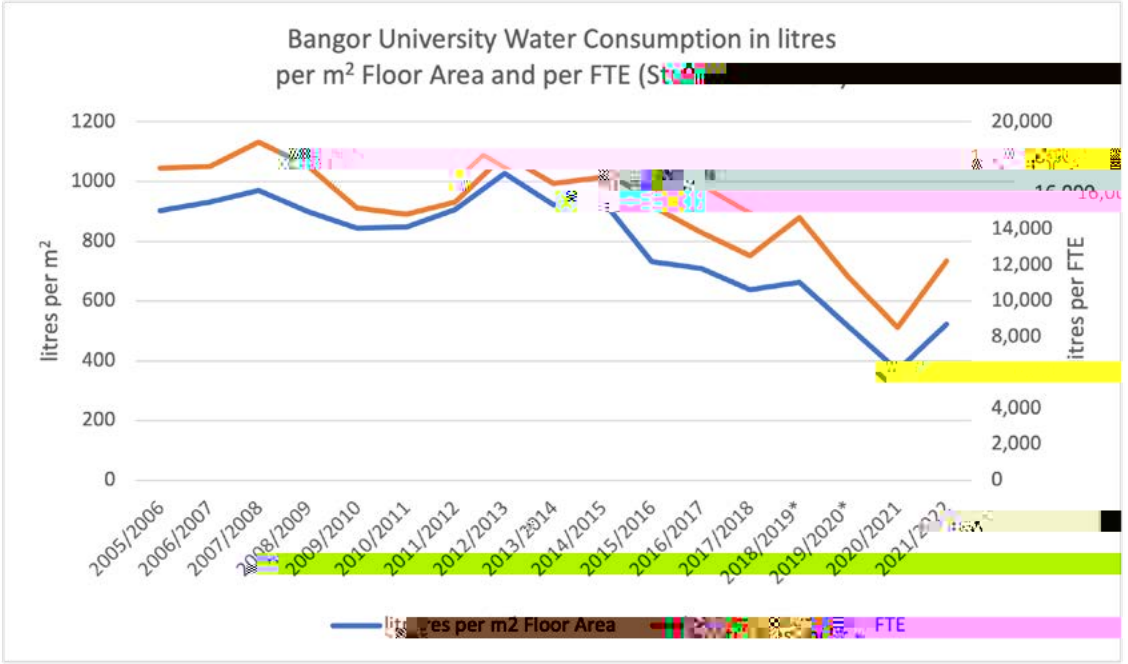
ENERGY CONSUMPTION

STUDENTS & STAFF

WATER CONSUMPTION

FTE STUDENTS & STAFF

		COMPARED	COMPARED
Total Water Consumption	120,034.65 m^3		
i. Water consumption per m2 useful f oor area	523.65 litres/m^2	**-21.1%**	**-42.0%**
Performance against Target 3b		**Achieved**	
ii.Water consumption per FTE (students and sta f	12,238.28 litres/ FTE	**-16.6%**	
Performance against Target 3b		**Achieved**	



*Amended FTE data

During the 2021/22 academic year the University's carbon emissions from Scope 1 and 2 decreased considerably to , compared to 9,491.9 tonnes CO2e in 2018/19 on location-based electricity calculations. Market-based emissions decreased , due in the main to not having Renewable Energy Guarantees of Origin (REGO) certi f cated renewable electricity in 2018/19. The current contract for REGO expired in April 2022, denoting the increase from 0 tonnes CO2e in 2020/21 to

TARGET 5A:

TOTAL REPORTED EMISSIONS		**COMPARED**	**COMPARED**
i. Location-based Method	6,846.53 tonnes CO2e	**-27.87%**	**Achieved**
ii. Market-based Method	5,025.72 tonnes CO2e	**-47.05%**	**Achieved**

A comparison of Scope 1 and 2 activities between 2018/19 and 2021/22 showed a carbon emission reduction in several areas namely: slight reductions in electricity, natural gas and LPG consumption, a more accurate data collection method for agricultural activities, and signi f cant diesel and petrol consumption decreases. Research undertaken over the years has also resulted in a decrease in the UK emission factors for electricity. A slight increase was only found in heating oil consumption.

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BIODIVERSITY

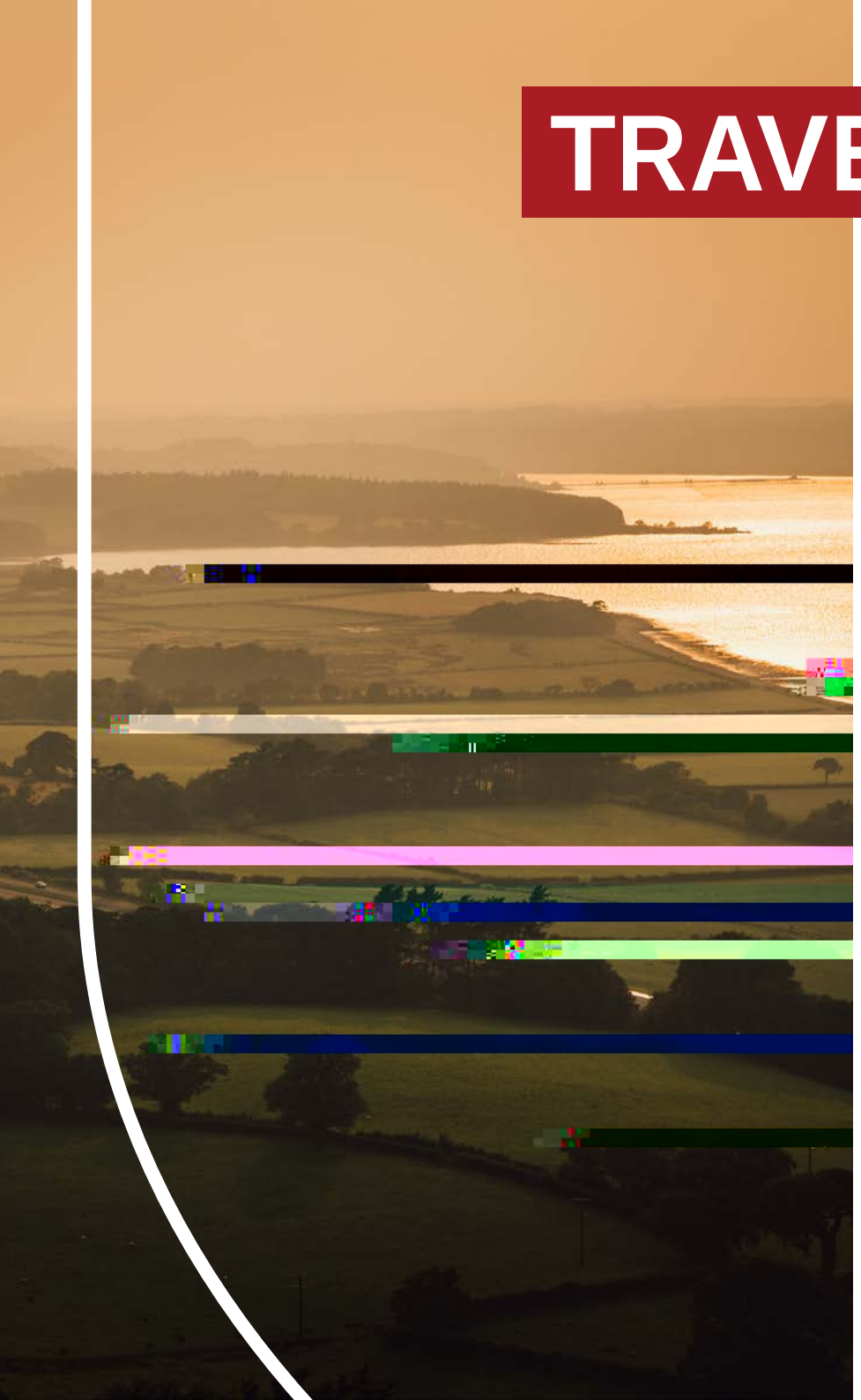
The University's Strategy 2030 - Sustainability Strategy was published in February, 2022 and made the commitment to set aside 30% of its estate to benefit wildlife and increase biodiversity, which is in line with the Wildlife Trust's '30 by 30' campaign.

The University had three biodiversity targets in 2021-22:

- Develop amenity grassland management plan in consultation with the grounds and gardens team.
- Increase unimproved grassland/wildflower meadow area across the University's estate.
- Update and approve University Biodiversity Action Plan.

Although an amenity grassland management plan was not completed, potential areas to convert to grassland were audited. The University continues to develop a University Amenity Grassland Management Policy and its completion and approval is a biodiversity target for 2022-23.

Similarly, there were no new areas of unimproved grassland or wildflower meadow created across the University's estate, but some potential areas were



TRAVEL AND TRANSPORT

There were two travel and transport targets for 2021-22:

- Install 10 charging points for electric vehicles across the estate
- Produce draft Travel & Transport Strategy

The University achieved its first target by installing 22 charging points in 2021-22 as part its wider programme to make electric vehicle charging more accessible and to support the decarbonisation of the University's fleet. The programme also includes a rollout of additional charging points for staff and student use in the future and locations for these have been