



## PLANET MARK

### Introduction

Planet Mark is a sustainability certification. It enables organisations of all sizes to positively transform society, the environment and the economy through measurement of their carbon and social data.

#### What is Net Zero?

Put simply, net zero means cutting greenhouse gas emissions to as close to zero as possible, with any remaining emissions re-absorbed from the atmosphere. An organisation may be considered net zero when it has reduced emissions across all three scopes by at least 90% of the baseline.

#### Why is Net Zero so important?

The Paris Agreement, adopted by 196 Parties at COP 21, is a legally binding treaty on climate change, which aims to limit global temperature rise to no more than 1.5°C compared to pre-industrial levels.

The Intergovernmental Panel on Climate Change (IPCC) outlined in early 2022 that without deep and immediate reductions in Greenhouse Gas (GHG) emissions across all sectors, limiting global warming to 1.5°C is beyond reach. To stay on track will require global emissions to peak before 2025. It is time, therefore, to prioritise net zero within the wider business strategy for the College, starting with a robust measurement of all GHG emissions, formulation of net zero targets, and an itemised plan for reducing emissions.

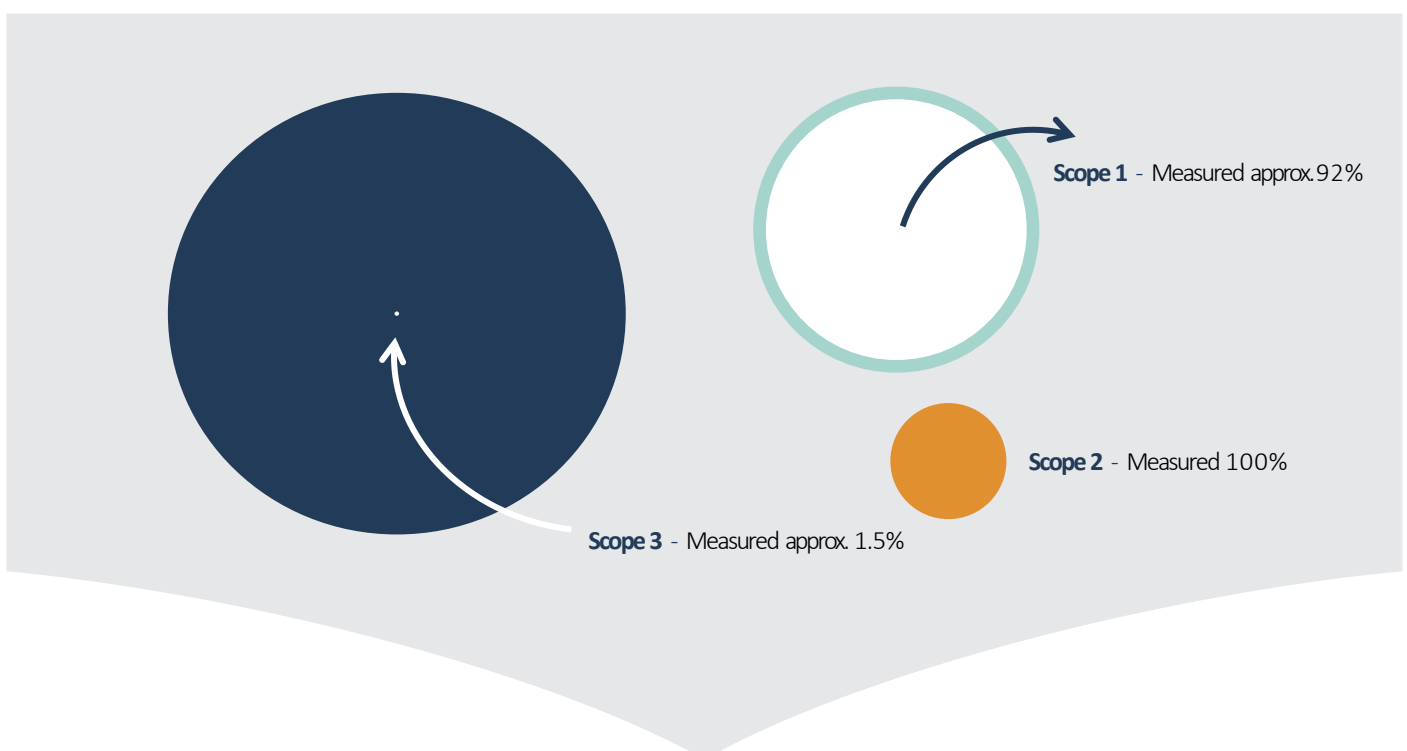
#### What are Scope 1, 2 and 3 emissions?

**Scope 1** - The emissions from sources that a company creates directly (e.g., from burning fuel in gas boilers and in company vehicles).

**Scope 2** - The emissions a company creates indirectly, associated with the production of energy it purchases (e.g., electricity).

**Scope 3** - Emissions that are not produced by the company itself, but by those within the value chain (e.g., from the procurement of goods and services or employee commuting).

### Currently measured Carbon Footprint at Eton College



## Excluded Emissions

There are several emissions sources still to be included before a full baseline carbon footprint is determined.

**Scope 1:** Building fuel, refrigerants, service fleet vehicles.

**Scope 3:** Scope 3 emissions 'typically' account for 60-70% of a company's total emissions portfolio but can make up to 99%. Not all Scope 3 categories will be material to Eton College but it is likely that the following eight will need to be included.

Cat 1: Purchased Goods and Services	Cat 5: Waste Generated in Operations
Cat 2: Capital Goods	Cat 6: Business Travel
Cat 3: Fuel and Energy Related Activities	Cat 7: Employee Commuting
Cat 4: Upstream Transport and Distribution	Cat 15: Investment Assets

## THE WIDER SUSTAINABILITY PICTURE

### Food and Waste (some suggested Planet Mark recommendations)

**Reduce Consumption:** Seasonal vegetables and dairy products from local farmers to reduce transport mileage.

**Reduce Consumption:** Where appropriate, evidence shows that shifting food systems towards plant-rich diets can lead to a significant reduction in greenhouse gas emissions.

**Waste Strategy:** Supported by Grundons, the College's waste strategy creates a hierarchy of: Reduce, Reuse, Recycle, Recover ahead of any remaining waste to landfill or to a Grundons 'Energy from Waste' facility.

**Reducing plastic:** Aiming to issue bottles to every boy by 2025 to save up to 479,610 single use plastic bottles per year.

### Water and ecology (current initiatives)

**Leaks:** A leak detection system is in place across the estate to ensure rapid identification and repair is possible.

**Wider Estate:** A hydrogeological survey has been conducted across the estate to identify opportunities for more efficient use of resources. The conclusions of this study are currently being reviewed internally.

#### Ecological enhancement: recent initiatives

- Opportunities for biodiversity net gain is consider for all redevelopments.
- Creation of a 3,500 m<sup>2</sup> reptile habitat.
- Creation of a wildlife pond.
- Erection of 20 bat boxes and 10 bird boxes

#### Dorney Lake:

- 364 species of flora and fauna, bee hives, 59 species of birds and 8 species of fish have been observed.
- Re-wilding previous lawned areas, planting trees and hedgerows is planned for 2023.



**INCREASING**  
PLANT BASED  
CHOICES  
FROM 2022



**MEAT FREE**  
WEEKLY  
MEALS BY  
2023



BY 2025 AIMS  
TO USE **100%**  
**REUSABLE,**  
RECYCLABLE OR  
COMPOSTABLE  
PACKAGING AT  
BEKYNTON



**TARGETING A 50%**  
**REDUCTION IN**  
FOOD WASTE  
FROM BEKYNTON  
BY 2025.



**3,500M<sup>2</sup>**  
REPTILE  
HABITAT



**20 BAT**  
BOXES AND  
10 BIRD  
BOXES



**59 SPECIES**  
OF BIRDS  
AT DORNEY  
LAKE