



# Carbon Reduction Plan

Achieving Net Zero by 2050

Calculated and produced by GovData





# COMMITMENT TO ACHIEVING NET ZERO

**Bud Systems Limited** is committed to achieving Net Zero emissions by 2050.

## BASELINE EMISSIONS FOOTPRINT

**Baseline Year: 2023 (1/01/2023 – 31/12/2023)**

The Carbon Reduction Plan has been completed in compliance with PPN 06/21. Our Carbon Emissions in 2023 were measured in line with GHG Protocol and include the greenhouse gases stated in the Kyoto Protocol.

Baseline year emissions: 2023		
EMISSIONS	TOTAL (tCO <sub>2</sub> e)	
Scope 1	0.00	
Scope 2	45.34	
Scope 3	5.34	
Included Sources	Business Travel	0.00
	Employee Commuting	5.34
	Upstream transportation and distribution	0.00
	Downstream transportation and distribution	0.00
	Waste generated in operations	0.00
<b>Total Emissions</b>	<b>50.67</b>	

## CURRENT EMISSIONS REPORTING

### Reporting Year: 2023 (1/01/2023 – 31/12/2023)

The Carbon Reduction Plan has been completed in compliance with PPN 06/21. Our Carbon Emissions in 2023 were measured in line with GHG Protocol and include the greenhouse gases stated in the Kyoto Protocol.

Baseline year emissions: 2023		
EMISSIONS	TOTAL (tCO <sub>2</sub> e)	
Scope 1	0.00	
Scope 2	45.34	
Scope 3	5.34	
Included Sources	Business Travel	0.00
	Employee Commuting	5.34
	Upstream transportation and distribution	0.00
	Downstream transportation and distribution	0.00
	Waste generated in operations	0.00
<b>Total Emissions</b>	<b>50.67</b>	

## REPORTING PERIOD

**Bud Systems Limited** will publish a Carbon Reduction Plan on a yearly basis detailing emissions released from UK Operations from 1st January to 31st December.



## **BASELINE YEAR & CURRENT REPORTING YEAR**

Due to 2023 being the first year we have measured our CO<sub>2</sub>e emissions, the report for the Baseline Year and Current Reporting year contains the same figures. Due to this, the explanations below apply to both sets of data:

### **SCOPE 1**

Scope 1 is reported as 0.00 tCO<sub>2</sub>e in the 2023 due to **Bud Systems Limited** having no boilers, on-site manufacturing, a fleet or f-gases to report emissions on.

### **SCOPE 2**

Within Scope 2, we have measured the emissions released from working from home and the consumption of purchased gas and electricity in office. **Bud Systems Limited** employees make the most of hybrid working, we have calculated employees work up to 5 days from home, with some staff being fully remote. Heating, lighting and computer consumption have all been taken into account to calculate emissions released due to working from home.

### **SCOPE 3**

#### **BUSINESS TRAVEL**

The Business Travel Subset in Scope 3 is reported as 0.00 tCO<sub>2</sub>e in the 2023 due to Bud Systems Limited not travelling by Air, Rail, Bus, travel in rental cars or travel in employee-owned vehicles other than the commute to and from work.

#### **EMPLOYEE COMMUTING**

The emissions resulting from employee commuting have been calculated at 5.34 tCO<sub>2</sub>e, considering factors such as the distance travelled, mode of transportation, and average fuel consumption

#### **UPSTREAM AND DOWNSTREAM TRANSPORTATION**

The Upstream and Downstream Transportation Subset in Scope 3 is reported as 0.00 tCO<sub>2</sub>e in 2023 as **Bud Systems Limited** does not directly engage in upstream and downstream transportation meaning we are unable to quantify the emissions associated with those activities.

#### **WASTE GENERATED IN OPERATIONS**

As of now, **Bud Systems Limited** does not have a waste removal provider. Therefore, we do not have access to specific data regarding CO<sub>2</sub>e emissions related to waste disposal.

## EMISSIONS REDUCTION TARGETS

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next five years to 37.91 tCO<sub>2</sub>e by 2029. This is a reduction of 25%.

## CARBON REDUCTION PROJECTS

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2023 baseline:

- Bud Systems Limited employee hybrid working, reducing the amount of emissions generated by employee commuting.
- Bud Systems Limited operate in a shared office environment, reducing overall energy consumption.
- Lights in office are motion sensor LED, reducing potential waste.

## DECLARATION AND SIGN OFF

**This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.**

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of the Supplier:

Date:

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<sup>1</sup><https://ghgprotocol.org/corporate-standard>

<sup>2</sup><https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup><https://ghgprotocol.org/standards/scope-3-standard>