Carbon Reduction Plan

Supplier name: Grantify Limited

Publication date: January 2023

Commitment to achieving Net Zero

Grantify is committed to achieving Net Zero emissions by 2030.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2021
Additional Details relating to the Baseline Emissions calculations.
Scope 1   15 people x 60 miles x 12 trips (Monthly meeting) x 100g CO_2e/per mile   Total 1080Kg CO_2e (72Kg CO_2e per person per year)   Scope 2   1 Electricity   Laptops 140 watts x 15 people x 160 hours per month x 12 months = 4032 kWh electricity/year   Lighting 10 watts x 15 people x 160 hours per month x 12 months = 288kWh electricity per year   Total 4320 kWh x 0.256 Kg of CO_2 = 1,106 Kg of CO_2 2. Heating   5kWh gas to heat home for 1 hour (Source EcoAct)   Heating 5kWh x 15 people x 160 hours per month x 12 months = 144,000kWh gas per year   Total 144,000kWh x 0.184Kg of CO_2 = 26,496kg of CO_2 Total 27602Kg of CO_2 for 15 staff (1,840Kg of CO_2 per staff member per year working from home.

Scope 3

36g CO2 per MB data centre storage (source Climate Neutral Group 2021)

Grantify use around 2500 MB per year per staff member data centre storage

15 staff x 36g x 2500 = 1350KgCO2e/per year (90Kg of CO2 per staff member per year).

Total 30.1tCO2e for 15 staff equates to 2tCO2e per staff member per year.

Baseline year emissions:

EMISSIONS	TOTAL (tCO$_2$e)
Scope 1	1.1
Scope 2	27.6
Scope 3 (Included Sources)	1.4
Total Emissions	30.1

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO$_2$e)
Scope 1	0.768
Scope 2	56.5
Scope 3 (Included Sources)	2.650
Total Emissions	59.9

Emissions reduction targets

Scope 1
32 people x 60 miles x 4 trips (quarterly meeting) x 100g CO2e/per mile

Total 768Kg CO2e (24Kg CO2e per person per year)

Scope 2

1 Electricity

Laptops 140 watts x 32 people x 160 hours per month x 12 months = 8602 kWh electricity/year

Lighting 10 watts x 32 people x 160 hours per month x 12 months = 615kWh electricity per year

Total 9217 kWh x 0.256 Kg of CO2 = 2,360 Kg of CO2

2. Heating

5kWh gas to heat home for 1 hour (Source EcoAct)

Heating 5kWh x 32 people x 160 hours per month x 12 months = 307,200kWh gas per year

Total 307,200kWh x 0.184Kg of CO2 = 56,525kg of CO2

Total 56,525Kg of CO2 for 32 staff (1,840Kg of CO2 per staff member per year working from home.

Scope 3

36g CO2 per MB data centre storage (source Climate Neutral Group 2021)

Scope 3

Grantify use around 2300 MB per year per staff member data centre storage

32 staff x 36g x 2300 = 2650KgCO2e/per year (82.8Kg of CO2 per staff member per year).
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.
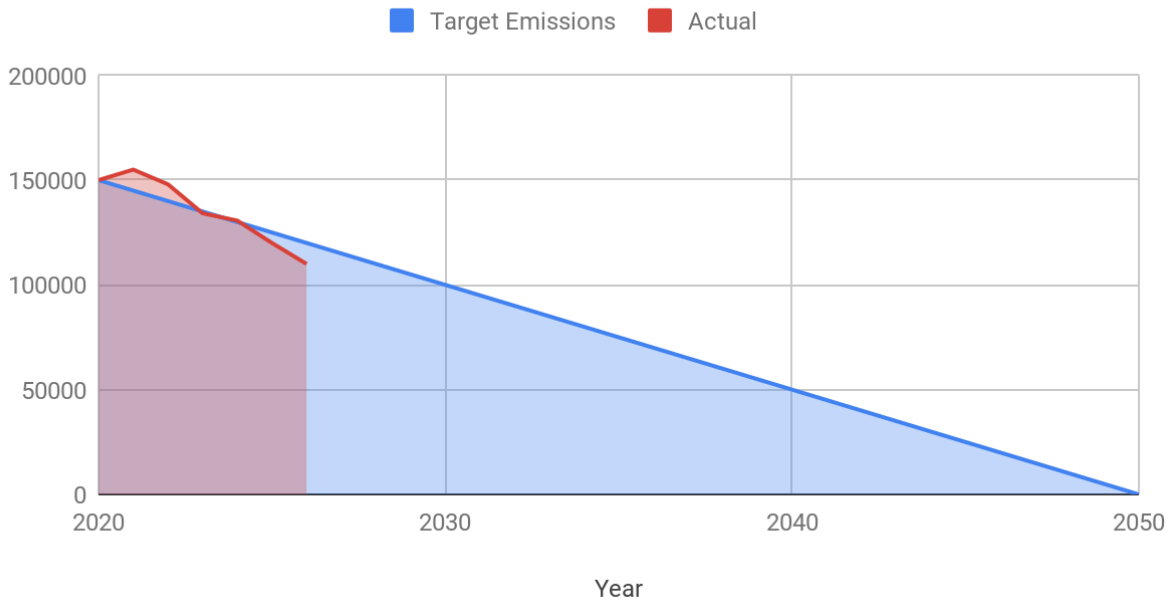
Total 59.9 tCO2e for 32 staff equates to 1.87tCO2e per staff member per year.

This demonstrates a per person carbon reduction of 6.5% on the baseline data.

We project that carbon emissions will decrease over the next five years to 1.3 CO_2e per staff member by 2028. This is a reduction of 35% off baseline.

Progress against these targets can be seen in the graph below:

Carbon Reduction: Projected vs. Actual

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction achieved by these schemes equate to 4.2 tCO$_2$e, a 6.5 %ge reduction against the 2021 baseline and the measures will be in effect when performing the contract

In the future we hope to implement further measures such as:

1. Support staff to move to green energy suppliers to reduce work from home carbon

2. Promote the adoption of electric vehicles for work related travel

3. Introduce carbon offsetting for international travel

4. Provide staff with a net zero home assessment tool kit to improve efficiency in the home

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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

Mat Westergreen-Thorne

Date: January 2023

---

[1]https://ghgprotocol.org/corporate-standard
[2]https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting
[3]https://ghgprotocol.org/standards/scope-3-standard