



Carbon Reduction Plan

Grestec Tiles Ltd. United Kingdom
January 2022



Carbon Reduction Plan

Supplier name: Grestec Tiles Ltd

Publication date: 4th January 2022

1. Commitment to achieving Net Zero

Grestec Tiles is committed to **achieving Net Zero emissions by 2030**. Our Net Zero target is **20 years ahead of the 2050 target** set out in the standard Carbon Reduction Plan requirements.

Grestec Tiles is continually strengthening our environmental policies and practices, which address reducing emissions, waste, and water usage across our entire operation.

More information on Grestec Tiles commitments is available at: www.grestec.co.uk/sustainability

2. 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.
As part of Grestec Tiles’ environmental footprint strategy, Grestec Tiles measures, minimises and reports on the firm’s environmental footprint, including undertaking rigorous annual measurement of emissions.
2021 is the first reporting period, this will be used for all future performances to report against to track progress against Grestec Tiles’ targets.
<ul style="list-style-type: none">• Scope 1 encompasses indirect emissions, including those associated with the purchase and consumption of electricity.• Scope 2 encompasses indirect emissions, such as business travel. Scope 2 emissions are mainly calculated based on mileage (ground and air travel), direct business and employee commute travel.• Scope 3 encompasses other indirect emissions, such as purchased goods and services, technology usage and cloud services, hotel stays and waste disposal.

Baseline year emissions:	
EMISSIONS (2021)	TOTAL (tCO2e)
Scope 1 Energy indirect emissions	4.3
Scope 2 Travel indirect emissions	26.54
Scope 3 Other indirect emissions (Included Sources)	36.06
Total Emissions	66.9

3. Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS (2022)	TOTAL (tCO2e)
Scope 1 Energy indirect emissions	
Scope 2 Travel indirect emissions	
Scope 3 Other indirect emissions (Included Sources)	
Total Emissions	

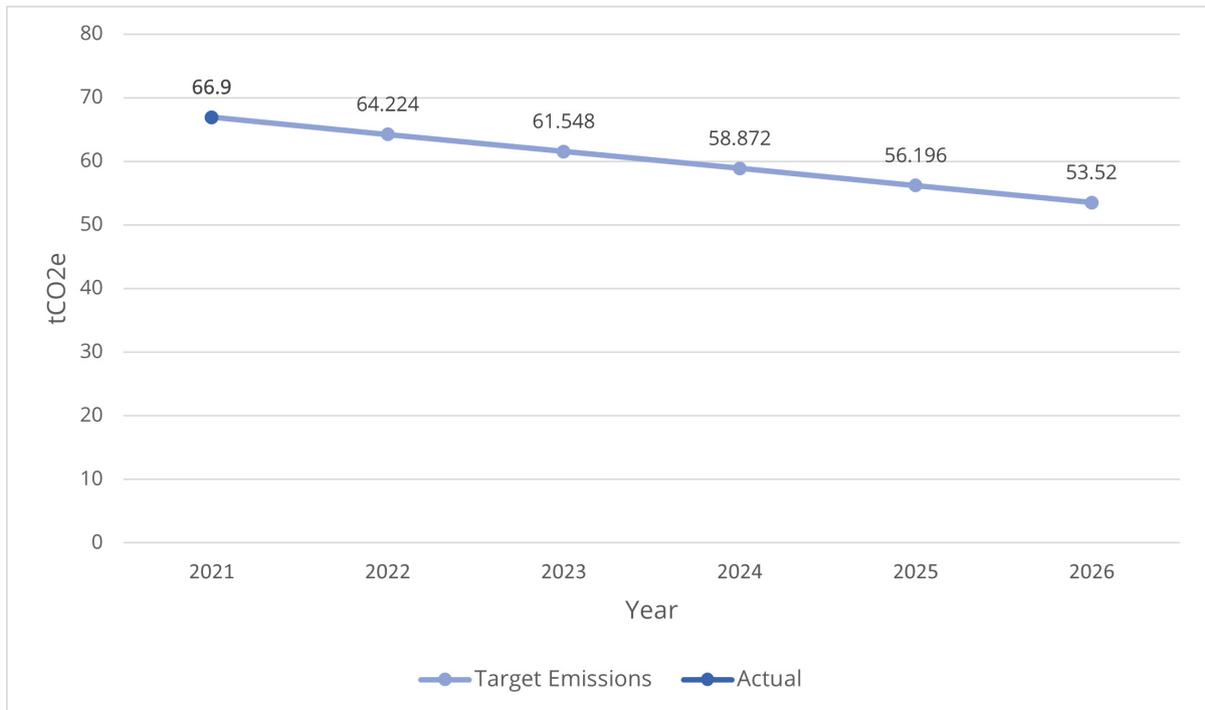
4. Emissions reduction targets

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 53.52 tCO2e by 2026. This is a reduction of 20%.

Progress against Grestec Tiles carbon reduction targets can be seen in the chart below.

Chart 1: Carbon Reduction
(Projected vs Actual)



5. Carbon Reduction Projects

A. Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The carbon emission reduction to be achieved by these schemes equate to 3.345 tCO₂e, a 5% reduction against the 2021 baseline and the measures will be in effect when performing the contract.

Grestec Tiles implements an Environmental Management System (EMS) and is currently certified Gold status with KCC Low Carbon STEM scheme.

Installed 100% LED lighting in our Kent Head Office.

Installed 100% LED lighting in Grestec Tiles U.K. warehousing.

Forklifts on Grestec Tiles UK sites are all electric powered.

Designed HQ office space to maximise exposure to natural light and reduce the need for artificial lighting.

B. Future Carbon Reduction Initiatives

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

1. Grestec Tiles are currently undertaking the certification of ISO14001 and look to be awarded mid-2022.
2. Use the South facing warehouse roof to install Solar PV panels.
3. Installation of battery storage for storage of PV Solar and night-time electricity supply
4. Installation of electric efficient heating and water heaters.
5. Encouraged sustainable ways of employee commuting to the office and client. HQ Office to support the use of bikes by participating in the UK Government's Cycle to work scheme that subsidises the purchase of new bikes for work and offering locked up parking spots for employees' bikes.
6. Introduction of EV to replace fuel combustion vehicles.
7. Embracing alternative and hybrid working models as we transition into the 'next normal', building on the lessons learned during the global COVID-19 pandemic, which impacted everyone's way of working.
8. Rethinking our travel policy e.g., encouraging "air-to-rail" travel modal shift whenever possible, using greener ground transportation (i.e. bikes) and using greener hotels.

6. Declaration and Sign Off

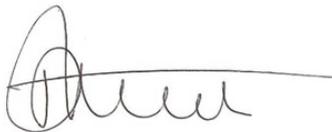
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:

A handwritten signature in black ink, appearing to read 'Daren Eastman', with a long horizontal line extending to the right.

Daren Eastman
Managing Director, Grestec Tiles Ltd

Dated: 22/12/2021

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>