

Carbon Reduction Plan

Supplier name: Hexegic Limited

Publication date: 30/03/2023

Commitment to achieving Net Zero

Hexegic is committed to achieving Net Zero emissions by 2050.

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.	
<p>Methodology:</p> <ul style="list-style-type: none"> Hexegic has adopted an operational control approach to establishing the boundary. The methodology adopted is in line with the Greenhouse Gas Protocol and the BEIS Environmental Reporting Guidelines. The calculations were completed on the SmartCarbon™ Calculator using the UK Government emissions factors. CO₂e is the universal unit of measurement to indicate the global warming potential (GWP) of Greenhouse Gases (GHGs), expressed in terms of the GWP of one unit of carbon dioxide. There are seven main GHGs that contribute to climate change, as covered by the Kyoto Protocol: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). Different activities emit different gases. Using CO₂e allows all greenhouse gases to be measured on a like-for-like basis. <p>Estimations:</p> <ul style="list-style-type: none"> Estimations were used due to COVID restrictions. Estimations on consumption were based on average UK teleworkers, whether working at home or in a shared office environment. For the co-location data centres, the maximum theoretical energy consumptions of the racks were utilised as the measure for calculating emissions. 	
Baseline year emissions: 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	5.18 tCO ₂ e

Scope 2	11.67 tCO ₂ e
Scope 3	<p>128 tCO₂e with a breakdown of:</p> <ul style="list-style-type: none"> • Upstream transportation and distribution* - 0 tCO₂e. • Waste generated in Operations - 0.08 tCO₂e. • Business Travel - 26.49 tCO₂e. • Employee Commuting - 22.92 tCO₂e. • Downstream transportation and distribution* - 0 tCO₂e. • Upstream Leased Assets** - 78.12 tCO₂e. <p>*As a consultancy business, we do not incur transportation and distribution emissions. **Emissions associated with leased co-location facilities.</p>
Total Emissions	144 tCO ₂ e

Current Emissions Footprint

The current emissions year for reporting is 2022.

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	5.16 tCO ₂ e
Scope 2	10.63 tCO ₂ e
Scope 3	<p>138 tCO₂e with a breakdown of:</p> <ul style="list-style-type: none"> • Upstream transportation and distribution* - 0 tCO₂e. • Waste generated in Operations - 0.08 tCO₂e. • Business Travel – 28.57 tCO₂e. • Employee Commuting – 38.52 tCO₂e (includes 21.59 TCO₂e for teleworking) • Downstream transportation and distribution* - 0 tCO₂e. • Upstream Leased Assets** - 71.15 tCO₂e.

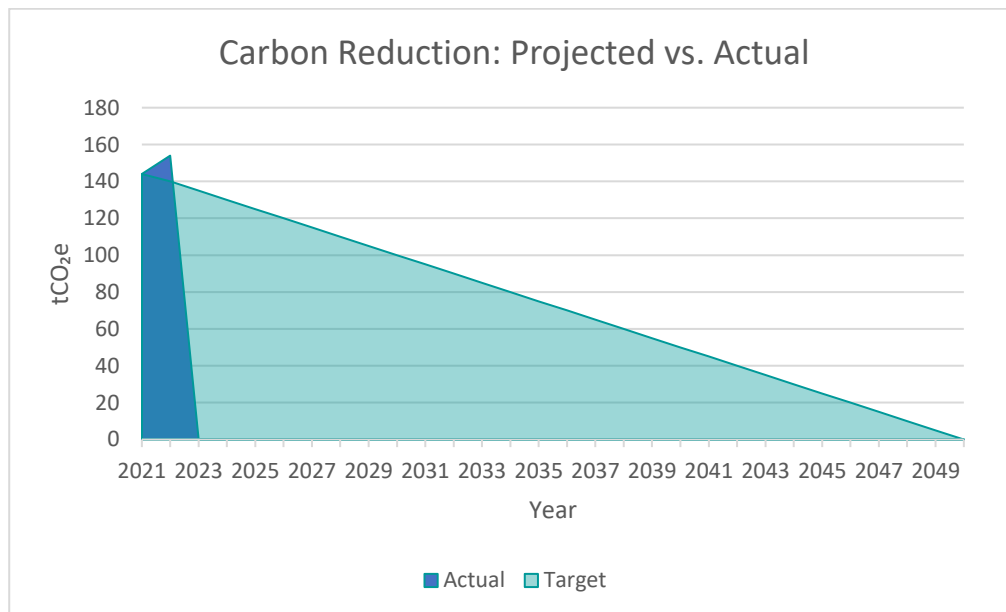
	<p>*As a consultancy business, we do not incur transportation and distribution emissions.</p> <p>**Emissions associated with leased co-location facilities.</p>
Total Emissions	154 tCO ₂ e

Emissions reduction targets

Whilst our absolute total emissions have increased between our base year and 2022, on an intensity (per employee) basis, our emissions have decreased from 6.54 tCO₂e to 4.67 tCO₂e per employee over the period. This represents a 28.6% decrease on emissions between the base year and 2022. Furthermore, over the same period, our total emissions for Scope 1 and 2 have decreased from 16,846 tCO₂e to 15,788 tCO₂e, or a decrease of 6.3%.

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We will transition to 100% energy from renewable sources for the primary power at the datacentres by the end of Q2/23, thereby further reducing in particular Scope 3 emissions.

We project that carbon emissions will decrease over the next four years to 125 tCO₂e by 2025. This is a reduction of 18.8%. Progress against these targets can be seen in the graph below:



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 will equate to 19 tCO₂e by the end of 2023, a 12.3% reduction against the 2022 emission levels and the measures will be in effect when performing the contract;

- Adoption of electronic record keeping across the organisation.
- Adoption of SmartCarbon™ platform to consistently track emissions.
- Adoption of enterprise technology with improved product longevity
- Adoption of electric and hybrid fleet vehicles over only ICE vehicles.
- Adoption of renewable energy sources (primary) for the Datacentres.
- Adoption of IED/PIR lighting controls across sites.
- Implementation of Cycle to Work scheme for employees.
- Completed external certification in Carbon Foot-printing and Reporting.
- Completed external certification in Climate Change; Risk Opportunity and Resilience.

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

- Adoption of SME Climate Hub commitment.
- Implementation and accreditation against an environmental standard, eg. ISO14001.
- Electrification of the full vehicle fleet.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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>



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.

This Carbon Reduction Plan is available at www.hexegic.com/carbon-reduction-plan/.

Signed on behalf of the Supplier:

Full Name: Jon Wilson

A handwritten signature in black ink that reads "Jon Wilson". The signature is written in a cursive, flowing style.

Title: Director

Date: 30 Mar 23