

# Carbon Reduction Plan

Supplier Name : **Vygon (UK) Ltd**

Publication Date : May 2023, first revision July 2023

## Commitment to achieving Net Zero

Vygon (UK) Ltd is committed to achieving Net Zero emissions by 2045.

## 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.

<b>Baseline Year: 2020</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
The details below represents the material emissions measured during the period 1 <sup>st</sup> January 2020 – 31 <sup>st</sup> December 2020.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	107.99
<b>Scope 2</b>	255.09
<b>Scope 3 (Included Sources)</b>	Scope 3 was not included in the 2020 assessment: Refer to explanation below.
<b>Total Emissions</b>	363.08

## 2021 Emissions Reporting

The details below represents the material emissions measured during the period 1<sup>st</sup> January 2021 – 31<sup>st</sup> December 2021.

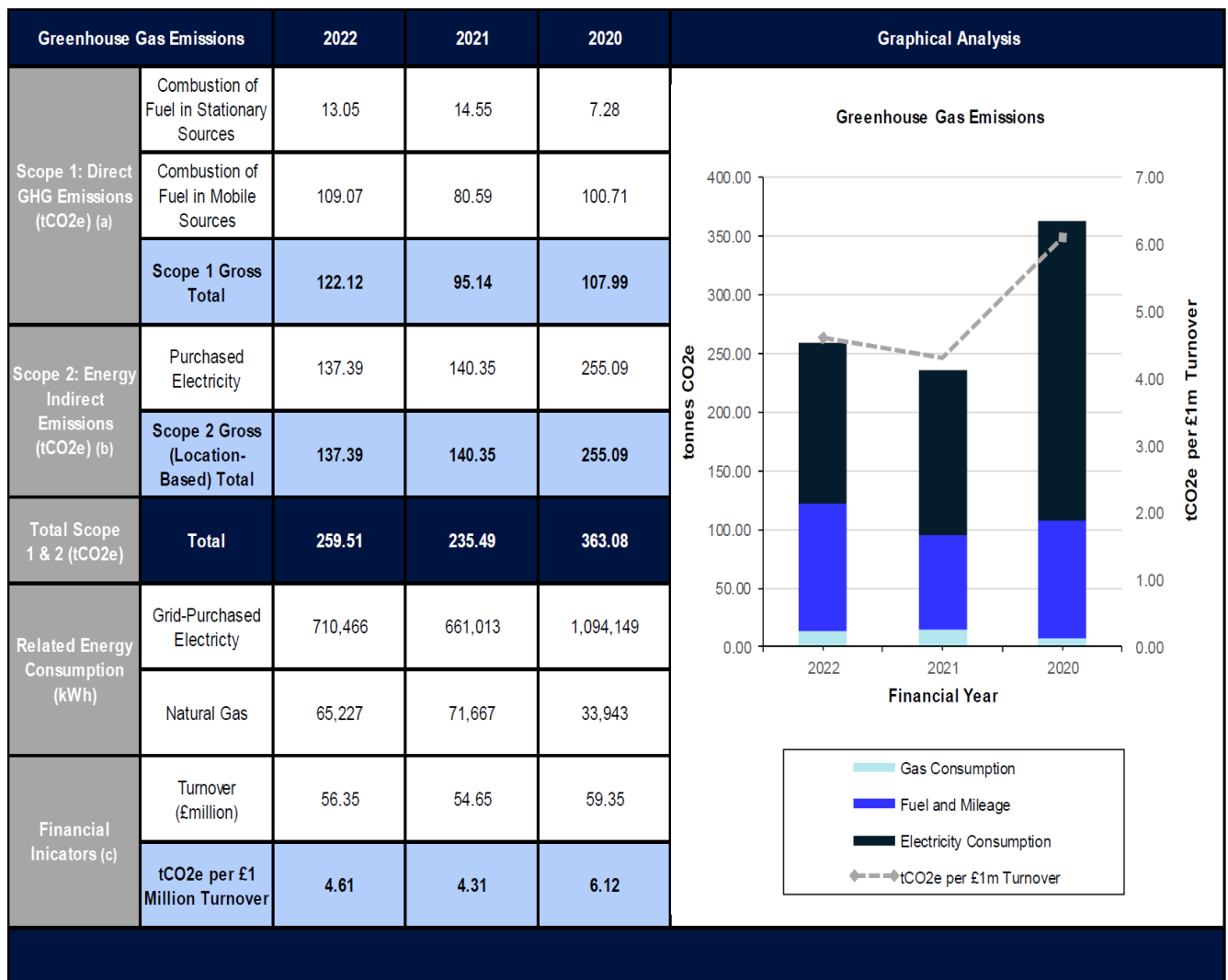
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	95.14
<b>Scope 2</b>	140.35
<b>Scope 3</b> (Included Sources)	Scope 3 was not included in the 2021 assessment – Refer to explanation below.
<b>Total Emissions</b>	235.49

<b>Scope</b>	<b>Activity Data</b>	<b>Units</b>	<b>Emissions tCO<sub>2</sub></b>	<b>% of total</b>
<b>Scope 1</b>				
Petrol (average biofuel blend)	27,416	Litres	60.14	25.4%
Diesel (average biofuel blend)	15,682	Litres	39.40	16.6%
Natural gas	75,932	kWh (net CV)	15.41	6.5%
<b>Scope 1 Total</b>			<b>114.95</b>	<b>48.5%</b>
<b>Scope 2</b>				
Electricity (Location-based)	629,077.00	kWh	121.65	51.3%
<b>Scope 2 Total</b>			<b>121.65</b>	<b>51.3%</b>
<b>Scope 3</b>				
Waste treatment	20	Tonnes	0.43	0.2%
<b>Scope 3 Total</b>			<b>0.43</b>	<b>0.2%</b>

Scope 1 & 2 emissions are taken from Vygon’s Streamlined Energy and Carbon Reporting (SECR) reports for 2020 and 2021. Scope 3 was not included in the SECR assessment as this is not a requirement.

## 2022 Emissions Reporting

The following table represents all material emissions measured during the period 1<sup>st</sup> January to 31<sup>st</sup> December 2022, allowing comparison with 2020 & 2021.



Scope 3 Emissions have not been reported on for the years 2020-2022.

**Scope 3 summary for 2023 will be available early 2024**

The information is being collated during 2023 and will cover the areas detailed below.

#### Upstream Transportation and Distribution

Vygon are working with our Logistics providers to establish Co2 emissions relating to deliveries from Suppliers made in 2023.

#### Business Travel

Business travel in terms of litres of Vehicle fuel (petrol and diesel) is included in Scope 1 as shown in the previous table, this is currently being extended to include emissions from Business Air Travel, this information is being collated in order to enable reporting for 2023 and onwards.

#### Employee Commuting

Information is being collected and will be reported for 2023 and onwards.

#### Downstream Transportation and Distribution

Vygon are working with our Domestic Logistics providers to establish the emissions related to customer deliveries, this information is being collated in order to enable reporting for 2023 and onwards.

#### Waste Generated in Operations

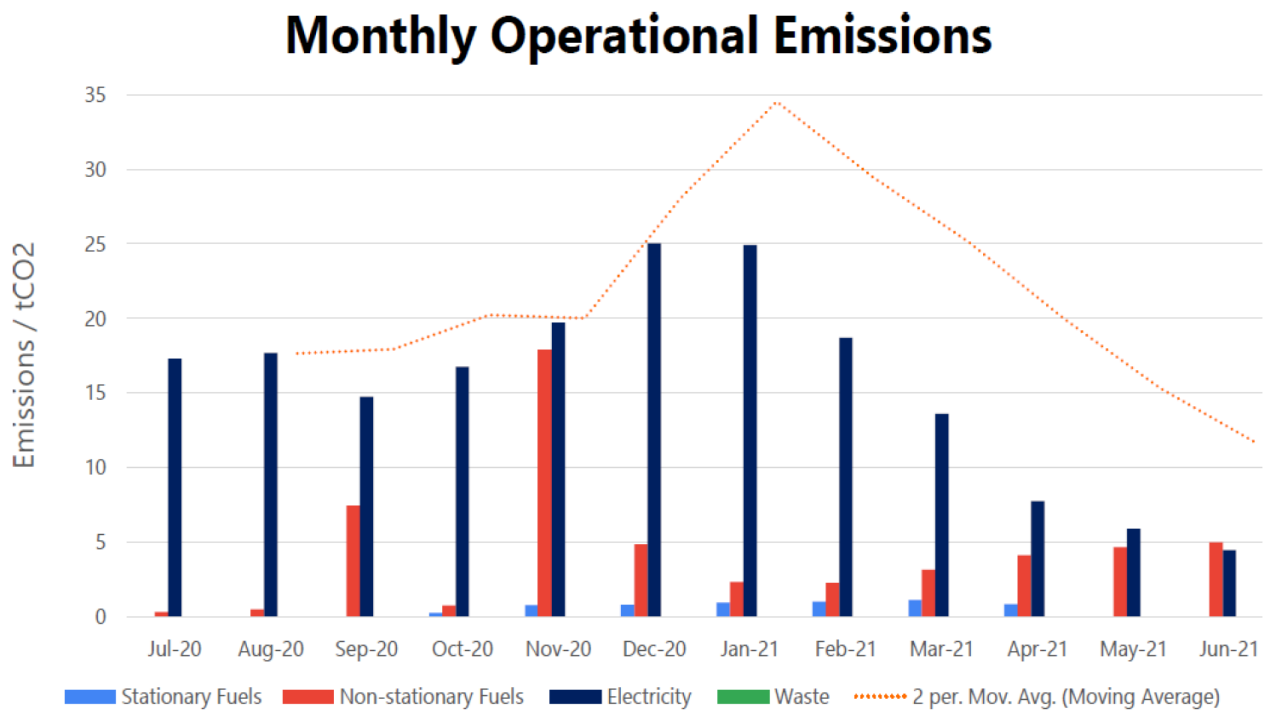
### **Emissions reduction targets**

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 175 tCO<sub>2</sub>e by 2028. This is a reduction of 40%

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

The graph below shows the Operational Emissions from 1st July 2020 to 30th June 2021, the reduction in emissions due to the Solar installation can clearly be seen from February 2021 onwards.



#### Electricity



186.6 tCO<sub>2</sub>

#### Petrol



33.6 tCO<sub>2</sub>

#### Diesel



19.7 tCO<sub>2</sub>

#### Gas



5.9 tCO<sub>2</sub>

#### Waste



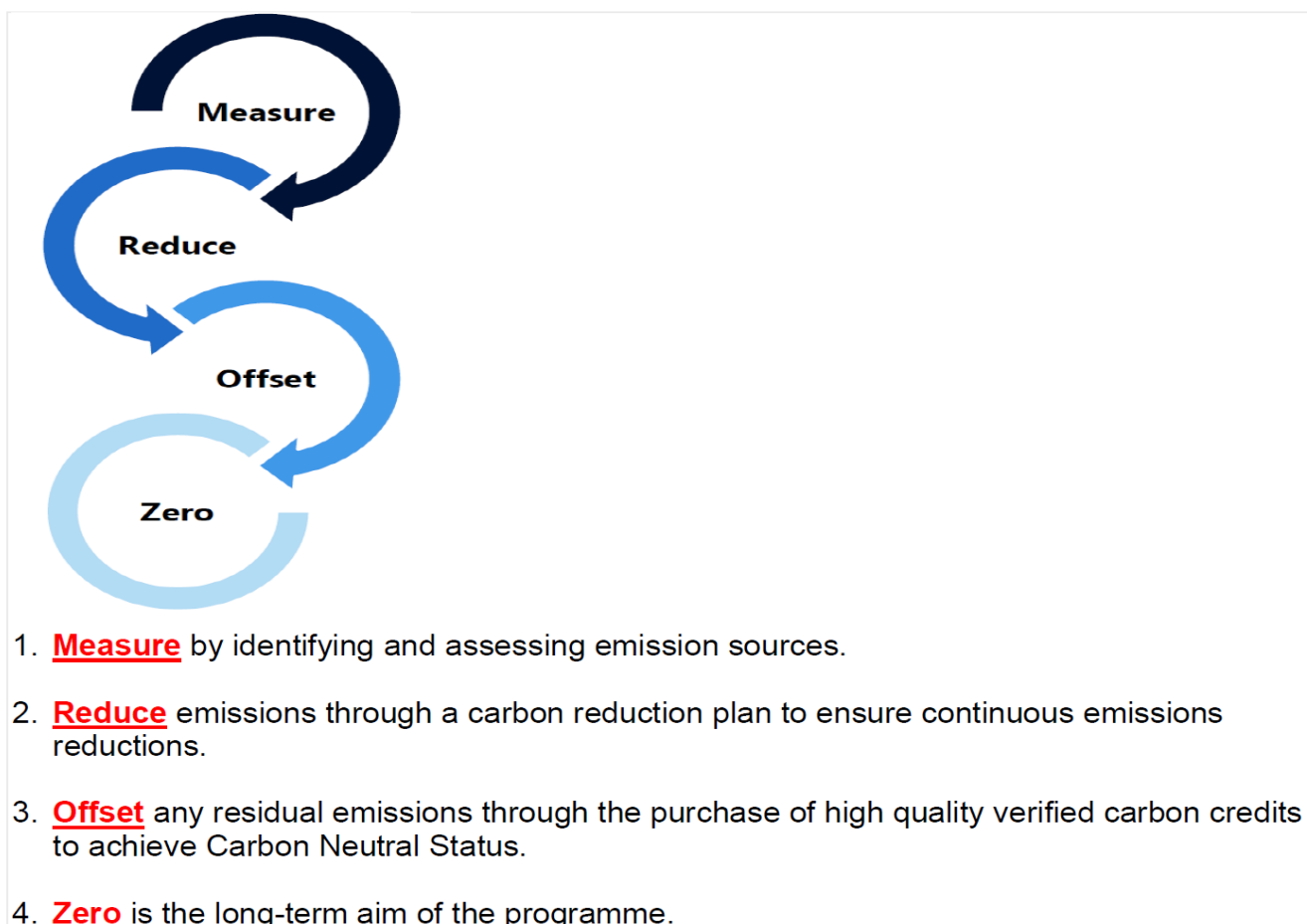
0.07 tCO<sub>2</sub>

### Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to 138 tonnes Co2e, a 38% reduction against the 2020 baseline and the measures will be in effect when performing the contract.

As a leading supplier of medical and surgical devices, supplying products to healthcare professionals in the NHS and private practices throughout the UK, we support the NHS supplier roadmap to net zero and strive to deliver enhanced Corporate Social Responsibility (CSR), ensuring we manage the social, economic and environmental effects of Vygon's operations responsibly in line with public expectations while aligning with NHS Sustainability Goals.

Vygon UK is conscious of its Carbon Emissions, over recent years we have developed a continuous energy reduction programme based on four key factors.



**Completed Carbon Reduction Projects are detailed below**

The starting point of **Measure** identified energy usage areas and enabled Vygon to focus on reducing energy demand, as the main way to minimise operational emissions.

This included the replacement of existing lighting in the Warehouse and Office areas with **energy-efficient LED lighting, fitting timers to car park lights**, resulting in a positive impact by reducing energy usage as well as light pollution for the local community.

Vygon implemented **Managed Print Services (MPS)** to reduce paper waste and power consumption. MPS provided visibility to enable changes to existing printing processes, which equated to savings of 36.57% of a tree, 38.75kg of CO<sub>2</sub>, and 2,430 equivalent bulb hours being achieved during a year.

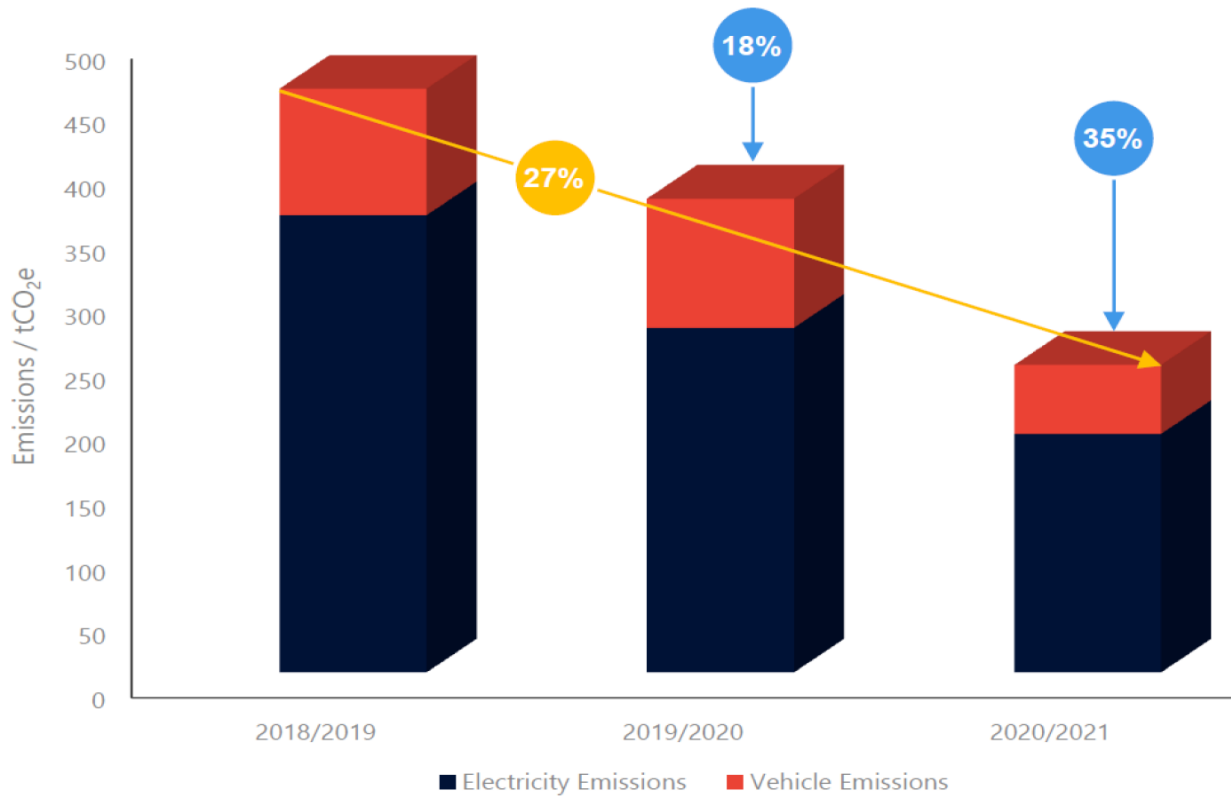
### **Solar PV Installation**

Site electricity is the highest contributor to emissions, updating the lighting made improvements and enabled us to identify renewable forms of energy as the most effective way to **Reduce** the site energy requirements and related CO<sub>2</sub> emissions.

During Autumn 2020, Vygon UK made a sustainable investment by installing **503.94 KWp Solar PV Panels** on the Head Office roof in Swindon. These panels generate approximately 469,500 KWh per annum, this equates to 53% of site day energy requirements, saving 108 tonnes of CO<sub>2</sub> in 2021, which is the equivalent of planting 1,280 trees.

The Solar Installation delivers key benefits such as electricity savings while reducing demand for electricity, carbon savings (estimated at 2.5 million Kg Co<sub>2</sub>e over 20 years), while demonstrating Corporate Social Responsibility.

The Table below demonstrates the positive impact the Carbon Reductions Projects have had to reduce emissions.



## Net Zero Emissions

We recognise that Sustainability is key not only for Vygon, but for the environment. As a result, Vygon formed the Social, Economic and Environmental Development Committee (SEED), focused on Corporate Social Responsibility, the delivery of our future plans and engagement with our staff on the journey to Net Zero.

In November 2021, Vygon UK achieved a significant milestone by reaching **Offset** Stage 3 of our continuous energy reduction programme, gaining **Carbon Neutral** status in accordance with **PAS2060:2014** internationally recognised specification and certification for Carbon Neutrality. This has been achieved through internal reductions in Scope 1 & 2 emissions implemented from 2018 onwards.

Offsetting emissions from the purchase of high quality carbon credits that represent genuine GHG emission reductions as recognised by the Verified



Carbon Standards (VCS). A significant milestone on the journey to **Zero** emissions.



### **Site Environmental Sustainability**

Within our UK operation, our warehouse uses 100% recycled boxes and we recycle all packaging materials.

The Vygon group have adopted an Eco-Design approach to packaging, by optimising the size and number of layers of packaging, reducing the environmental impact of our medical devices.

We have recycling points throughout the Offices and have encouraged staff to utilise food bins, the contents become compost which is used on the site grounds.

In November 2021, staff started to create an on-site orchard by planting 20 fruit trees, in 2022 further trees were planted as we continue to expand and develop the orchard area.

### **In the future we plan to implement further measures such as:**

Plans to increase the site renewable energy capabilities through the installation of small/medium Wind Turbines, which generate noise at a low frequency, undetectable to humans, and pose no danger to birds and other wildlife.

We are also considering the installation of Heat Source Pumps and additional Solar Panels.

The long term plan towards a Hybrid and Electric Fleet will require the installation of further electric charging car park spaces, currently 40 are being considered.

Re-development of areas of the building provides an opportunity to harvest rainwater for use in toilets and within the site grounds.

### **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>3</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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.

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:**



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**Dale Keegan**  
Company Secretary, Vygon (UK) Ltd

Updated 22<sup>nd</sup> July 2023

The Next Revision is scheduled for early 2024 when 2023 data will be available.