

# Carbon Reduction Plan

May 2022

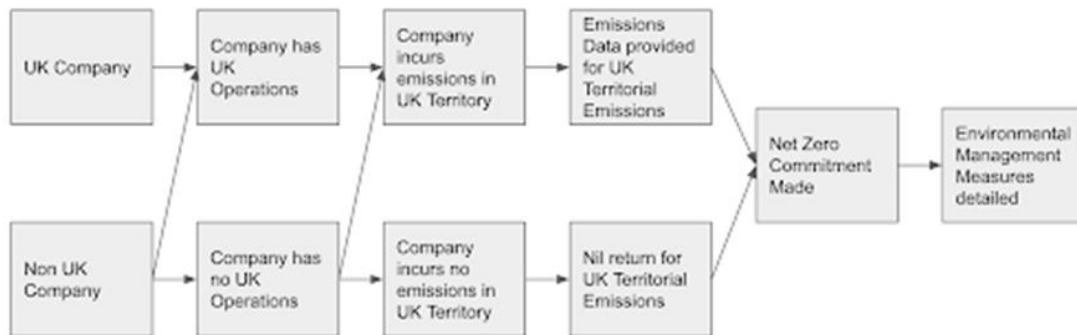
## Commitment to achieving Net Zero

Orbit Communication Systems is committed to achieving Net Zero emissions by 2050 or earlier.

## 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.

Our Carbon Reduction Plan conform to PPN 06/21 standards, however, following the guidance notes, whilst we have a UK entity, it currently incurs no UK emissions. Hence, we have followed the guidance given for overseas companies (flow chart reproduced below).



The PPN 06/21 Standard requires us to report a Nil return. However, we are committed to the global challenge of emissions reduction, and as such we have included some non-UK information regarding the emissions measures, we are undertaking.

<b>Baseline Year: 2021</b>
<b>Additional Details relating to the Baseline Emissions calculations.</b>
<p>Notes.</p> <ol style="list-style-type: none"> <li>1. As this is the first time for Orbit to complete a CRP in accordance with PPN 06/21, we are investigating how UK based Orbit subcontractors should be accounted for within Scope 3. If this is the case, then our data will need to be re-baselined.</li> <li>2. We anticipate having to re-baseline as our activity level increases in the UK with the potential</li> <li>3. We have baseline measurements for our operation in Israel, which includes energy measurements which have largely remained constant over 2019, 2020, 2021 at 1.3 million kWh per annum</li> </ol>



<b>Baseline year emissions (UK Territorial Emissions):</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	0
<b>Scope 2</b>	0
<b>Scope 3</b>	0 (see notes in Baseline Emissions Calculations)
<b>Total Emissions</b>	0

### Current Emissions Reporting

<b>Reporting Year (UK Territorial Emissions): 2022</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	0
<b>Scope 2</b>	0
<b>Scope 3</b>	0 (see notes in Baseline Emissions Calculations)
<b>Total Emissions</b>	0

### Emissions reduction targets

In order to continue our progress to achieving Net Zero, as an organisation (accepting that we currently do not incur any emissions in UK territory) we have adopted the following carbon reduction targets.

A graph indicating Carbon Reduction: Projected Vs Actual, is not provided due to the Nil Return regarding UK Territorial Emissions.

### Carbon Reduction Projects

#### 1. Current Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021 baseline. The energy consumption reduction achieved by these schemes is expected to be a 35% reduction against the 2021 baseline (Israel, see notes in Baseline Emissions Calculations)

- Replacement of Air Conditioning system
- Introduction of LED lighting throughout the operational site.
- Working towards ISO14001 accreditation.

- The use of Video Conferencing within our own organisation, and with partners, customers, and suppliers, to reduce travel.

## 2. Future Carbon Reduction Initiatives

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

- Implement a system to enable accurate measurement of our supply chain.
- Upgrade our older less efficient fabrication equipment to a more modern solution which uses less energy.
- More Electric Car use and share car schemes

### 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>.

The above declarations are made on the basis that there is a Nil Return for UK Territory, in accordance with PPN 06/21. Further updates of this plan will consider any changes to our UK operations, and in particular will also reassess Scope 3 for the potential inclusion of UK subcontractors.

The plan will be reviewed on an annual basis

This Carbon Reduction Plan has been reviewed and signed off by the CEO

Yours sincerely,



Dany Eshchar  
CEO

May 2022

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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>