



# Carbon Reduction Plan

Supplier Name:

Metaverse VR Ltd  
(MVR)

Publication Date:

19 December 2024

Commitment to achieving Net Zero:

MVR 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.

Our Baseline includes our greenhouse gas (GHG) emissions from the seven GHG's named by the Kyoto Protocol:

- Carbon Dioxide (CO<sub>2</sub>)
- Hydrofluorocarbons (HFCs)
- Methane (CH<sub>4</sub>)
- Nitrous Oxide (N<sub>2</sub>O)
- Nitrogen Trifluoride (NF<sub>3</sub>)
- Perfluorocarbons (PFCs)
- Sulphur Hexafluoride (SF<sub>6</sub>)

Our emissions are calculated in carbon dioxide equivalent (CO<sub>2</sub>e) using the Carbon Trust's carbon footprint calculation tool.

The footprint includes direct emissions from fuel and processes (Scope 1 emissions) and emissions from purchased electricity (Scope 2 emissions) for the assets we operate.

As required by PPN 06/21, this document includes the following GHG emissions from MVR:

- Scope 1
- Scope 2
- Scope 3
  - Category 4 (Upstream Transport & Distribution)
  - Category 5 (Waste from Operations)
  - Category 6 (Business Travel)
  - Category 7 (Employee Commuting)
  - Category 9 (Downstream Transport & Distribution)

Our GHG emissions reporting is aligned to our Financial Year (FY), i.e. 1st November to 31st October, and our Baseline year is FY23/24, i.e. 1st November 2023 to 31st October 2024.

**Additional Details relating to the Baseline Emissions calculations:**

- MVR was incorporated in 2021 and is a Small to Medium sized Enterprise (SME).
- For the reporting period it had an average of 30 employees.
- MVR develops software for immersive training solutions and all staff work from a computer either within the principle office or from home.

**Scope 1 Emissions**

MVR operates one fleet vehicle which is a diesel van, which is the entirety of its Scope 1 emissions.

**Scope 2 Emissions**

MVR rents office and storage facilities, which are the entirety of its Scope 2 emissions.

**Scope 3 Emissions**

Categories 4, 5, 6, 7 and 9 required for reporting.

**Category 4 (Upstream Transport and Distribution) and Category 9 (Downstream Transport and Distribution):**

MVR produces software and as such its upstream and downstream transportation and distribution networks are negligible. As such, a zero response has been assumed.

**Category 5 (Waste from Operations):**

MVR's waste is limited to usual office waste such as waste water, lunch waste and packaging waste (i.e. similar to domestic wastes). MVR separates all its waste for recycling and has a paper free office. The waste is collated for the whole site (MVR leases an office on the site) and currently data is not available for the individual businesses on site.

An assumption has therefore been made of 5tCO<sub>2</sub> per annum, on the basis that an average SME in the UK generates around 15tCO<sub>2</sub> per annum according to the Carbon Trust and 10tCO<sub>2</sub> are reported as Scope 1 emissions.

**Category 6 (Business Travel):**

MVR has full records for business travel spend and has used the spend-based method, which involves determining the amount of money spent on each mode of business travel transport and applying secondary (EEIO) emission factors.

**Category 7 (Employee Commuting):**

MVR has used the pareto principle to assess the split of office employees traveling by car versus by public transport and using an estimated average commute distance applied secondary (EEIO) emission factors. MVR will be conducting a travel survey in 2025 to establish more accurate employee commuting data for the next reporting period.

Emissions	Total (tCO <sub>2</sub> e)
Scope 1	3
Scope 2	7
Scope 3	22
Total Emissions	32

## Current Emissions Reporting: FY23/24

### Additional Details relating to the Baseline Emissions calculations:

This is MVR's first report and so the current emissions are the same as reported for the baseline year.

Emissions	Total (tCO2e)
Scope 1	3
Scope 2	7
Scope 3	22
Total Emissions	32

### Emissions Reductions Targets and Initiatives

Over the forthcoming months, MVR will be analysing its Scope 3 emissions to understand where we can effect reductions and where we can collate further data to support the Scope 3 calculations.

Our Scope 1 emissions we will look to reduce when the fleet vehicle is renewed.

Our Scope 2 emissions are broadly controlled by our landlords however we will continue to support their initiatives and will continue to encourage reduction of usage within our office with our staff.

### 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 reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions will be 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 Senior Leadership Team.

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