DGP Intelsius Ltd

Carbon Reduction Plan

Publication date: 15/11/21

Commitment to achieving Net Zero

DGP Intelsius is committed to achieving Net Zero emissions by 2050. We will plan to half our Greenhouse Gas emissions by 2030 as a first step to achieve this target.

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.

DGP Intelsius are committed to delivering environmentally sustainable packaging solutions, the carbon reduction plan is a new requirement, DGP Intelsius have not previously assessed our emissions, this is currently being assessed.

Baseline Year: Emissions calculation underway baseline expected Jan 2022	
Additional Details relating to the Baseline Emissions calculations.	
We are in the process of calculating our baseline emissions. By Q1 2022 we will have calculated our annual baseline emissions and will use these emissions to complete a full Net Zero strategy. We are fully committed to achieving Net Zero by 2050.	
Baseline year emissions: Under Review	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**Under Review**
Scope 2	**Under Review**
Scope 3 **(Included Sources)**	**Under Review**
Total Emissions	**Under Review**

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	**TOTAL (tCO_2e)**
Scope 1	**Under Review**
Scope 2	**Under Review**
Scope 3 (Included Sources)	**Under Review**
Total Emissions	**Under Review**

Emissions reduction targets

We are currently calculating our base emissions. An overview of the steps we will take following calculation can be seen below. Detail and timelines will be added following the completion of step 1. The graphic below shows the steps we plan to take to support our net-zero ambitions.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

As this is our first carbon footprint assessment we cannot publish measures we have achieved or targets we are going to reach. These targets will be published in 2022.

We take our responsibility to the environment seriously. In real terms, this responsibility impacts the way we design and develop our products, the materials we use, our commitment to recycling, and the partnerships we form with environmentally driven charity organisations.

In 2017, LED lighting was installed in all Intelsius locations, reducing carbon emissions by 22 tonnes per annum. The same year, we had solar panels installed, reducing our carbon output by 12 tonnes per annum. As a result, we have an annual carbon saving from lighting and energy-efficient improvements equivalent to 33 tonnes per annum. In addition, heating and air conditioning use is restricted to office hours only, as is controlled at a central resource to reduce individual employee wastage.

With manufacturing sites across the globe, we reduce our carbon footprint by ensuring we source most of our stock locally, reducing transport emissions while supporting local businesses and reinforcing our supply chain.

We consider the reusability of packaging a key part of our commitment to reducing waste. As well as manufacturing packaging solutions such as our ORCA Multi-Use temperature-controlled packaging, we offer full refurbishment services for customers wishing to reuse their sample transport or temperature-controlled packaging solutions multiple times.

We recycle 100% of our waste cardboard and plastics. We also use correx (polypropylene) as a carboard alternative for our reusable solutions such as ORCA Multi-Use, which extends its lifespan due to its durability and ease of cleaning.

Of the 19 material types we use in our packaging, 13 are fully recyclable. In addition, we have published detailed guidelines on recycling all Intelsius packaging on our website in our How Do I Recycle My Packaging guide. This guide tells customers the material makeup of their packaging, why we use it, and how to recycle it.

Our Atmospheric Thermal Modelling Services (ATMOS) form an integral part of developing our temperature-controlled packaging systems, allowing for the virtual simulation of our packaging against any temperature profile in a fraction of the time it'd take to run real-world simulation and testing. As a result, ATMOS allows us to increase product integrity through virtual testing, reducing our carbon footprint by decreasing wasted packaging and unnecessary shipping activity.

Further information about our environmental strategy can be seen here
https://intelsius.com/about-us/our-green-mission/

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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed:

Sales Director

Date: 15th November 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