

Carbon Reduction Plan Template

Supplier name: DGP Intelsius Ltd

Publication date: 05/08/2022

Commitment to Achieving Net Zero

DGP Intelsius are committed to achieving Net Zero emissions by 2050. We 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. Our latest carbon emissions assessment was completed in August 2022.

Baseline Year: Jan 2021 – Dec 2021	
Additional Details relating to the Baseline Emissions calculations.	
<i>We 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.</i>	
Baseline year emissions: Jan 2021 – Dec 2021	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	97 tCO ₂ e
Scope 2	4 tCO ₂ e
Scope 3 (Included Sources)	108 tCO ₂ e
Total Emissions	208 tCO₂e (including business travel)

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	97 tCO ₂ e
Scope 2	4 tCO ₂ e
Scope 3 (Included Sources)	108 tCO ₂ e
Total Emissions	208tCO₂e (including business travel)

Emissions reduction targets

An overview of the steps we will take following the August 2022 calculation can be seen below. The graphic below shows the steps we plan to take to support our net-zero ambitions.

NET ZERO STRATEGY



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

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.

Our low electricity usage is due to our commitment to renewable energy and the installation of solar panels and LED lighting. 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.

Our inbound logistics emissions are higher than our outbound logistics emissions, and we consider the reusability of packaging a key part of our commitment to reducing this figure further. 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. This approach keeps packaging solutions in use for longer and reduces the need for us to take delivery of materials to build new packaging solutions.

We recycle 100% of our waste cardboard and plastics. We also use correx (polypropylene) as a cardboard 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.

We accept that we have a high gas and refrigerant usage figure, and we are seeking alternatives, primarily moving towards digital testing. 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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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 (or equivalent management body).

Signed on behalf of the Supplier:



Sales Director

Date: 5th August 2022

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>