

# Carbon Reduction Plan

**Supplier Name:** Hargreaves Industrial Services Ltd

## Commitment to achieving Net Zero

Hargreaves Industrial Services Ltd is committed to achieving Net Zero emissions by 2035. However, we intend to accelerate achievement of net zero to 2030, through the implementation of a carbon sequestration project, achievable through utilisation of resources available within the Hargreaves Group.

## 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.

### Baseline Year: 2020

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

Our Baseline reporting year coincided with the Covid-19 Pandemic lockdown and as such electricity usage in our office was much reduced and business travel was restricted.

In 2021 we gradually returned to office working and improved the level of data capture, leading to a spike in the GHG emissions data.

During 2021, we relocated to a new office which is far better equipped with energy saving modifications, for example, auto-lighting, electric heat pump heating and solar panels fitted on the roof. This, coupled with significant focus on fuel usage in plant and equipment, and initiatives to reduce plant idling time etc, has resulted in a return to target levels.

#### Baseline year emissions: 2020

EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1 - Combustion of fuels in operations and services provided	3,492
Scope 2 – Electricity, steam, heat and cooling for own use	27
Scope 3 - (Included Sources) Business travel (air, rail and vehicles)	1,600
<b>Total Emissions</b>	<b>5,119</b>

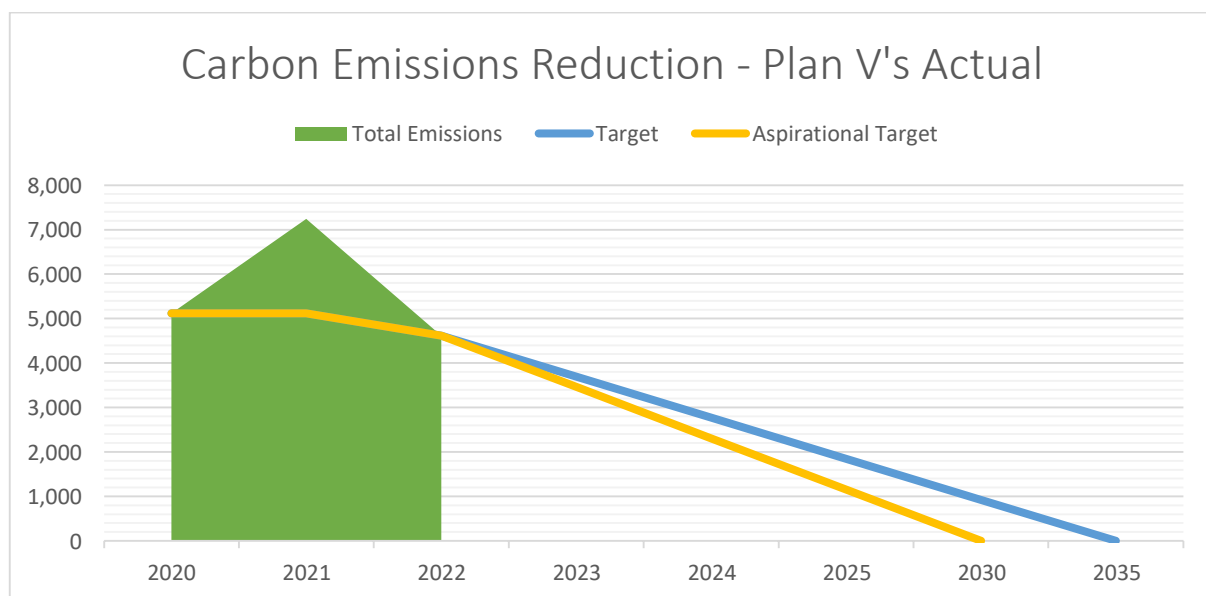
## Current Emissions Reporting

### Reporting Year: 2022

EMISSIONS	TOTAL (tCO2e)
<b>Scope 1 - Combustion of fuels in operations and services provided</b>	629
<b>Scope 2 – Electricity, steam, heat and cooling for own use</b>	35
<b>Scope 3 - (Included Sources) Business travel (air, rail and vehicles)</b>	3,948
<b>Total Emissions</b>	4,612

Current emissions in Scope 3 increase in 2022 from the baseline due to a return to business travel, which was heavily restricted during 2020, together with improvements in availability of data for items such as air and rail travel.

Successful achievement of our emissions reduction targets described within our plan will enable us to reduce our carbon emissions to 2,306 tCO<sub>2</sub>e by 2030. This is a reduction of 50%. Through the implementation of a successful carbon sequestration project, we have committed to reduce this entirely and achieve net zero by 2035 with an ambition to do so by 2030.



### Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

#### Electricity and Gas Consumption

A target to reduce the MWh consumed per office-based employee by 2% per annum.

#### Fuel Consumption

A target to improve the kilometres per litre attained by the haulage fleet by 3% per annum.

A target to reduce idling time in yellow plant from 34% to 32%, which would equate to a 6% reduction.

## **Carbon Reduction Projects**

### **Ongoing Carbon Reduction Initiatives**

The following environmental management measures and projects have been implemented since the 2020 baseline.

- All office-based facilities recycle paper, card, plastic and aluminium. These are responsibly disposed of through an external provider.
- Refillable printer cartridges are used, to reduce waste and the amount being disposed of in landfill.
- Where printing is necessary, all printers are set to automatically default to print double-sided to reduce the amount of paper used.
- IT hardware such as laptops and mobile phones are reallocated when an individual starts/leaves the business. These items have an approximate lifespan of four years, at which point they are assessed and, if deemed necessary, disposed of via an appropriate certified external provider.
- Offices and units have LED lights fitted, low energy heating and efficient air-con units.
- Office lights are movement sensitive.
- Removed single use plastic drinking cups from all offices.
- From November 2021, we have monitored and recorded the reduction in CO2 emissions due to the use of digital platforms, such as Teams and Zoom. We estimate, using Government statistics, that the tonnes of CO2 equivalent emission reduction from November 2021 to the end of May 2022 was 596 tonnes.
- We have made electric and hybrid vehicles available to company car users, including a planned salary sacrifice scheme for these vehicles, and all our sites will have charging points.
- Within our fleet of HGVs, we have trialled the use of hydrogenated vegetable oil, with a view to sourcing it as an alternative to diesel.
- Alternative power sources, such as Hydrogen and battery are being explored for equipment such as heavy plant that is currently diesel powered.
- Hargreaves has installed telemetry into its entire vehicle fleet. This initiative has improved driving skills and efficiency leading to reductions in fuel consumption.

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

Hargreaves Industrial Services has committed to achieve net zero by 2035 and has a clear and ambitious plan to deliver this by as early as 2030 which is possible within the resources of the Hargreaves Services plc group.

The Group owns substantial land assets in Scotland and has applied for planning to plant trees for carbon sequestration across three sites which total 700 hectares. This land will enable over 1,600 trees to be planted which will give rise to 195,000 tons of carbon offset.

Planning is expected to be granted in 2023 with the first planting to take place in the winter of 2023/24. While some carbon offset may be achievable in early years, as a rule it is five years before any new forest planting can gain Woodland Carbon Code unit status and so setting a target of net zero by 2030 is completely achievable for Hargreaves Industrial Services. The business' carbon footprint for financial year ended 31 May 2022 was 4,612 tonnes.

Other initiatives being considered include:

- PPE Recycling and the use of PPE manufactured from 100% recyclable materials
- Wider use of HVO in trucks and plant
- EV Alternatives
- All sites will have Smart meters installed to assist in reducing energy consumption
- Hargreaves is actively involved in projects to re-use waste streams from established steel plants. These projects focus on the removal of chemicals to ensure the waste is benign leaving re-usable products such as zinc, carbon and iron which would have ordinarily gone to landfill.
- A monthly “ESG Initiative” scheme is to be introduced where a specific carbon reduction idea is promoted across the business
- An online ESG Awareness training module has been developed inhouse for roll out across the business
- A Supply Chain Sustainability policy has been developed and is being introduced to encourage the supply chain to adopt carbon reduction methods

### **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 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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**Managing Director – Hargreaves Industrial Services Ltd**

Date: January 2023