

Carbon Reduction Plan N H Case

Supplier name: N H Case Ltd (Company Number 1904912)

Publication date: April 1st 2023 (Version1)

Commitment to achieving Net Zero

N H Case Ltd 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.

Please note: the baseline emissions were retrospectively calculated in 2022 as part of our 2050 net zero ambition. Accurate and comprehensive data for Scope 1 and Scope 2 emissions data was available from company archives. Scope 3 data is limited to a narrower scope,

Baseline Year: Calendar Year 2020	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	369 (Note vehicle mileage down due to Covid restrictions)
Scope 2	1768 (recalibrated to include site acquisitions since baseline year)
Scope 3 (Included Sources)	20 Made up of waste generated in operations
Total Emissions	2,157

Current Emissions Reporting

Reporting Year: Calendar Year 2022	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	493 (Note increased on base as a result of increases deliveries following cessation of Covid lockdown)
Scope 2	1,491
Scope 3 (Included Sources)	20 Made up of waste generated in operations
Total Emissions	2,004

Emissions reduction targets

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

Medium term: Reduce Scope 1 and Scope 2 emissions by 50% against a 2020 baseline by 2035. Reduce Scope 3 emissions by 25% against a 2020 baseline by 2035

Long term: Reduce Scope 1,2, & 3 emissions by 90% by 2050 with residual emissions offset to achieve net zero.

We do not specify absolute tonnage reductions or targets due to frequent organisational changes such as acquisitions and disposals which mean that our baseline will need frequent recalibration.

Carbon Reduction Projects

Scope 1

Our scope 1 emissions are principally made up of diesel emissions from our transport vehicles along with any refrigerant leaks from our freezers and chillers.

Vehicle emissions:

At the moment there are not really any commercially viable alternatives to diesel operated refrigerated HGV vehicles operating at any distance from their base. Electric vehicles do not have the range or weight carrying capacity required due to the battery weight and hydrogen vehicles are not widely commercially available. We are not convinced that HVO (hydro treated vegetable oil) will have genuinely sustainable provenance as demand for it increases. Alternative fuels and vehicle types will assist with Scope 1 reductions and we are continually looking for commercially viable alternatives to assist in meeting fleet and fuel targets. The greatest scope for reducing vehicle emissions lies in persuading our customers, particularly in the public sector, not to keep requesting frequent small deliveries of frozen food with 18 months shelf life.

Employee business mileage:

Like most UK businesses we have seen a decrease in our employee business mileage compared with pre-covid times as working from home and virtual meetings have reduced the need to travel. 2022 saw an increase in employee mileage compared with our base year of 2020 when employees and customers were in lockdown. All company cars purchased since 2019 have either been petrol hybrids or fully electric cars which will help reduce emissions, particularly as the national grid de-carbonises.

Refrigerant Leaks:

We use different refrigerants across our various sites. Loss of gas over a system life is inevitable but we have strict routine maintenance schedules in place to minimise these. The best performing refrigerant in terms of global warming potential (GWP) is ammonia which has a GWP of zero. Our largest and most recently acquired sites all run on ammonia and the use of ammonia in the two sites that do not currently use it will be reviewed when replacement is necessary.

Scope 2

Scope 2 emissions are those created producing electricity for the national grid. The less grid energy we use the lower our scope 2 emissions will be. It should also be noted that scope 2 emissions will decrease as the grid decarbonises but the pace of this roll out is beyond our control.

In the last three years we have installed solar panels the only two of our four UK sites where it is possible to do so and broadly speaking these supply the sites with around one third of their total electricity requirement and make the sites self-sufficient and non-reliant in grid electricity between Easter and October between around 9 am and 4 pm.

Scope 3

Currently annual reporting of scope 3 emissions is new for most companies and is very difficult as supply chains are often long, complex, not very transparent and pretty hard to trace. Scope 3 includes numerous categories of emissions. We are currently only measuring emissions for waste but will be expanding this as more data becomes available.

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. Installation of solar energy plants on all UK company sites where the existing distribution network renders such installations feasible. The carbon emission reduction achieved by these schemes equate to 240 tCO_{2e}, an 11% reduction against the 2020 baseline and the measures will be in effect when performing the contract

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:



.....

Date:10-06-2023.....

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>