

Carbon Reduction Plan

Supplier name: ...Kuehne + Nagel Ltd.....

Publication date: ...29 September 2022.....

Commitment to achieving Net Zero

Kuehne + Nagel Ltd is committed to achieving Net Zero emissions by 2050.

We have been participants of the UN Global Compact since 2020, supporting the 17 UN Sustainable Development Goals (SDGs). We joined the Race to Zero campaign in June 2020, and have set a science-based target, verified in July 2021 by the [Science-Based Target Initiative \(SBTI\)](#), committing to reduce our absolute scope 1, 2 and 3 emissions by 33% by 2030 against a 2019 baseline. We support the UK's ambitions to reach Net Zero Carbon by 2050 and are actively engaged with UK Government and sector partners in achieving this goal.

As part of our commitment to lead our industry, we are active members of [Clean Cargo](#), the [Arctic Corporate Shipping Pledge](#), [Clean Skies for Tomorrow](#), [Road Freight Zero](#), the [Global Logistics Emissions Council \(GLEC\)](#) and more, and are working closely with all major sea, road and air carriers to discuss and collaborate on climate change, air quality and ecological impacts.

Our sustainability report, [available on our website](#) contains a summary of our performance against our sustainability targets and initiatives, which are aligned with 10 of the UN SDGs.

Our performance in sustainability is monitored by our Global Board of Directors, and implemented and executed by our Executive Management Board, with corporate and regional management remunerated against measurable sustainability targets worth up to 20% of their annual bonus. Alongside an ESG function at Global level, and experts embedded within each business unit, sustainability is represented on our UK Executive Board, supported by a team of specialists within sustainability, social impact and climate change.

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.
The company has set a rolling baseline year and calculates greenhouse gas (GHG) emissions reductions against this baseline in accordance with the Greenhouse Gas Protocol (GHG

Protocol) for Corporate Accounting and Reporting standard. A number of known UK emission sources have been excluded in 2021 reporting due to data quality or availability issues (see Annex 1 for further details). The company is addressing these data issues in 2022. As a result, and in line with the company's Restatement Policy, restatements to these emissions will be made in FY23 reporting if any material differences are identified. The company is committed to implementing a country-level external GHG assurance programme in future reporting periods to continue to enhance data management and reporting.

Baseline year emissions:

EMISSIONS	TOTAL (tCO₂e)
Scope 1	60,871
Scope 2	10,035
Scope 3 (Included Sources)	Please refer to Annex 1.
Total Emissions	70,906

Current Emissions Reporting

Reporting Year: 2021

EMISSIONS	TOTAL (tCO₂e)
Scope 1	69,298
Scope 2	10,038
Scope 3 (Included Sources)	Please refer to Annex 1
Total Emissions	79,336

Emissions reduction targets

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

We have set a science-based target, verified in July 2021 by the [Science-Based Target Initiative \(SBTi\)](#), committing to reduce our absolute scope 1, 2 and 3 emissions by 33% by 2030 against a 2019 baseline.

We project that our UK carbon emissions will decrease over the next five years by 16,173 tCO₂e by 2027. This is a reduction of 20% emissions.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. Business activity has increased since our baseline emissions year which has resulted in overall increased absolute emissions; hence the carbon emission reduction achieved by the initiatives against baseline are not reflected in our overall emissions due to this. We will continue to implement the measures below alongside new initiatives that will be in effect when performing the contract:

- Certification to international environmental standard ISO 14001
- Greenhouse Gas (GHG) external assurance against ISO 14064
- Continued participation with the Science Based Targets initiative (SBTi)
- Increased adoption of LED lighting across our warehouses and offices
- Increased installation of Electric Vehicle (EV) charge points for employees
- Increasing renewable energy installations across our sites where feasible
- Moving all of our energy tariffs across to renewable energy tariffs
- Introducing zero emission vehicles into our fleet and infrastructure
- Continuing to invest in the deployment of lower carbon fuels across all transport modes.

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.

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-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) Standard³. Emission sources that have been omitted due to data quality or availability issues have been omitted in line with the company's Restatement Policy, restatements to these emissions will be made in FY23 reporting if any material differences are identified.

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:



Brian Cox

Managing Director, UK

Kuehne + Nagel Ltd, UK

Date: 30/09/2022

³<https://ghgprotocol.org/standards/scope-3-standard>

Annex 1 – Data exclusions

Data source	Further information
Fuel	Our fuel data comprises of both bunkered, company fuel card and plant data across our business units and includes actual and estimated data. We are analysing the quality of this data to determine the coverage across our activities.
Natural gas	Our natural gas data has been included for all locations we fully operate and includes actual and estimated data. We are analysing the quality of this data to determine the coverage across our activities.
Fugitive emissions (refrigerants)	We have not been able to complete the data gathering process to validate refrigerant data in FY21. This process will be completed and reported against in FY22 in line with the company's Restatement Policy.
Oil (heating and plant)	We have not been able to complete the data gathering process to validate oil data in FY21. This process will be completed and reported against in FY22 in line with our Restatement Policy.
Electricity	Electricity data has been included for all locations we fully operate and includes actual and estimated data. We are analysing the quality of this data to determine the coverage across our activities.
Business travel	We have not been able to complete the data gathering process to validate business travel data in FY21. This process will be completed and reported against in FY22 in line with our Restatement Policy.
Hotels	We have not been able to complete the data gathering process to validate hotel data in FY21. This process will be completed and reported against in FY22 in line with our Restatement Policy.
Waste	We have not been able to complete the data gathering process to validate waste-related GHG data in FY21. This process will be completed and reported against in FY22 in line with our Restatement Policy.
Water	We have not been able to complete the data gathering process to validate water-related GHG data in FY21. This process will be completed and reported against in FY22 in line with our Restatement Policy.