

STATEMENT

Introduction

DNV Business Assurance USA, Inc. (DNV) has been commissioned by the management of Kuehne + Nagel to carry out independent verification of its GHG emissions inventory, biofuels, and compensation for the 2021 year.

Data Verified

Greenhouse Gas Emissions and Biofuels

	2021
Carbon emissions, tons	
CO2 total	128,000
CO2 per FTE	1.6
CO2 per 100 m2	1.3
Scope 1, million tons	
Road logistics	0.094
Company cars	0.018
Scope 2, million tons	
K+N offices, warehouses	0.12
Total Scope 1+2	0.232
Scope 3, million tons	
Transport and logistics	16.44
Business travel	0.003
Employee commuting	0.08
Total Scope 3	16.52
Total Company	16.75
Biofuels	
Air logistics (SAF) litres	1,307,237
Sea logistics	500,989

Assurance Opinion

Based on the verification process conducted by DNV, we provide a Reasonable Assurance of the GHG Emissions Inventory for Kuehne + Nagel in all material aspects.

Independence

DNV was not involved in the preparation of any part of Kuehne + Nagel's data or report. We adopt a balanced approach toward all stakeholders when performing our evaluation.

DNV Business Assurance USA, Inc.
24 June 2022



Lead Verifier
Nelson Lee



Technical Reviewer
Weidong Yang



Approver
David Tellez
Regional Manager Supply Chain &
Assurance Services

Verification Objective

The objective of this verification is to verify conformance with applicable verification criteria, including the principles and requirements of relevant standards or GHG programs, within the scope of the verification; the organization's GHG inventory of GHG emissions and performance; any significant changes in the organization's GHG inventory since the last reporting period; and the organization's GHG-related controls.

Verification Scope

2021 Greenhouse Gas (GHG) emissions from Direct (scope1), energy indirect (scope 2), other indirect (scope 3)

Included in the scope of this audit are 2021 biofuels (UCOME for Sea Logistics and SAF for Air Logistics), and the 2021 carbon offsets derived from Kuehne + Nagel's Scope 1 and 2 operations, as well as customer promotions for Scope 3

Verification Level of Assurance

The verification was conducted by DNV to a reasonable level of assurance with the qualification reported in the below Verification Conclusions.

Materiality Level

Errors / omissions, which represent, single or aggregated, 5% of total emissions are considered material.

Verification Criteria

- ISO14064-1:2006 - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
- Global Logistics Emissions Council (GLEC) developed the GLEC Framework

Verification Protocol

The verification will be conducted using:
ISO14064-3:2006 – Greenhouse Gases Part 3: Specification with Guidance for the Validation and Verification of Greenhouse Gas assertions.

Operational Boundary

- Global
- 1 January 2021 to 31 December 2021