SLOVENSKI STANDARD
oSIST prEN 17837:2026

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Poštne storitve - Okoljski odtis pri dostavi paketov - Metode za izračun in navedbo podatkov o emisijah toplogrednih plinov in onesnaževal zraka pri storitvah logistične dostave paketov

Postal services - Parcel delivery environmental footprint - Methodology for calculation and declaration of GHG emissions and air pollutants of parcel logistics delivery services

Postalische Dienstleistungen - Umweltfußabdruck der Paketzustellung (PDEF) - Methodik für die Berechnung und Deklaration von Treibhausgas- und Luftschadstoffemissionen von Paketzustelldiensten

Services postaux - Empreinte environnementale de la livraison de colis - Méthodologie pour le calcul et la déclaration des émissions de GES et polluants atmosphériques des services logistiques de livraison de colis

Ta slovenski standard je istoveten z: **prEN 17837**

ICS:

03.240	Poštne storitve	Postal services
13.020.60	Življenjski ciklusi izdelkov	Product life-cycles

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EUROPEAN STANDARD

NORME EUROPÉENNE

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English Version

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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 331.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 17837:2025) has been prepared by Technical Committee CEN/TC 331 “Postal services”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 17837:2023.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Introduction

This document provides principles and rules for the quantification, allocation and reporting of environmental impacts from parcel logistics delivery services.

Background

As the consumer product and retail sectors continuously grow and e-commerce increases, logistics services are becoming ever more critical. Traditional logistics value chains and related business models are also disrupted by trends in digitalisation and new fulfilment technologies. General considerations to sustainability are growing in importance due to climate change, changing global supply chains and increased stakeholder consciousness. Measuring the environmental impacts - along the entire value chain from manufacturing to end of life treatment of retail goods - and implementing meaningful mitigation measures is key in combating climate change.

To understand the environmental impacts of the e-commerce and parcel logistics and delivery sectors, all activities in the parcel logistics and delivery service value chain should be looked at. To choose the most effective mitigation strategies and to fully disclose the environmental impacts of parcel logistics and delivery services, solid monitoring methodologies, data sets and standard accounting and reporting approaches are essential.

Purpose

This parcel delivery environmental footprint (PDEF) standard aims to describe a consistent and harmonized methodology for environmental footprinting across the supply chain of parcel logistics and delivery services. In the first instance, it will focus on the accounting of greenhouse gas (GHG) emissions. At present there are a variety of standards and methodologies for emissions accounting publicly available, but these do not focus on parcel specific accounting.

The PDEF seeks to account for the emissions of the full logistics service supply chain for a delivery including all consequential transportation and operational activities. The standard allocates all emissions towards each specific parcel delivered. This is achieved through the description of a standard set of data points to be measured and a standard calculation and parcel specific allocation methodology.

While the PDEF is consistent with the ISO 14083:2023[1], it provides an extended scope with its nuanced parcel specific approach, covering the entire parcel delivery value chain from collection to final delivery. Further, the PDEF also covers, as an option, other air pollutants as well as operational and energy provision GHG emissions other than fuel. This reflects the current need to provide more transparency about environmental impacts along complex supply chains.

Use

The PDEF is designed to be widely applicable by parcel transport service organizers and accessible to a diverse user group. Within this sector, it is recognized that parcel delivery service operations vary hugely, from multi-national organizations operating multiple transport modes through to a small local operators. Consequently, the standard balances the desire for absolute precision and scientific rigor with a degree of pragmatism to achieve ease of use. Nonetheless, the requirements set out and guidance given are aligned with existing standards[2] and based on sound scientific methods.

Use of this document will ensure that calculated emissions are fully accounted and allocated to a parcel. It enables disclosures of parcel specific emissions to have greater consistency and comparability as a foundation for more transparency enabling more sustainable parcel delivery services in the future.

[1] ISO 14083:2023 Greenhouse gases — Quantification and reporting of greenhouse gas emissions arising from transport chain operations

[2] For example: EN 16258:2012, ISO 14064