



Stichting Smart Freight Centre
Keizersgracht 572, 1017 EM,
Amsterdam, Netherlands



This certifies that the methodology developed in **REff Tool**

Produced by **Fraunhofer IML, Joseph-von-Fraunhofer Straße 2-4
44227 Dortmund, Germany**

Has been certified by Smart Freight Centre as meeting the requirements of ISO 14083: 2023 (with application of the GLEC Framework V3) for the calculation and reporting of GHG emission and transport activity data, with the details described in the following technical appendix.

Certificate number: SFC CRT 004

Issue number: 04

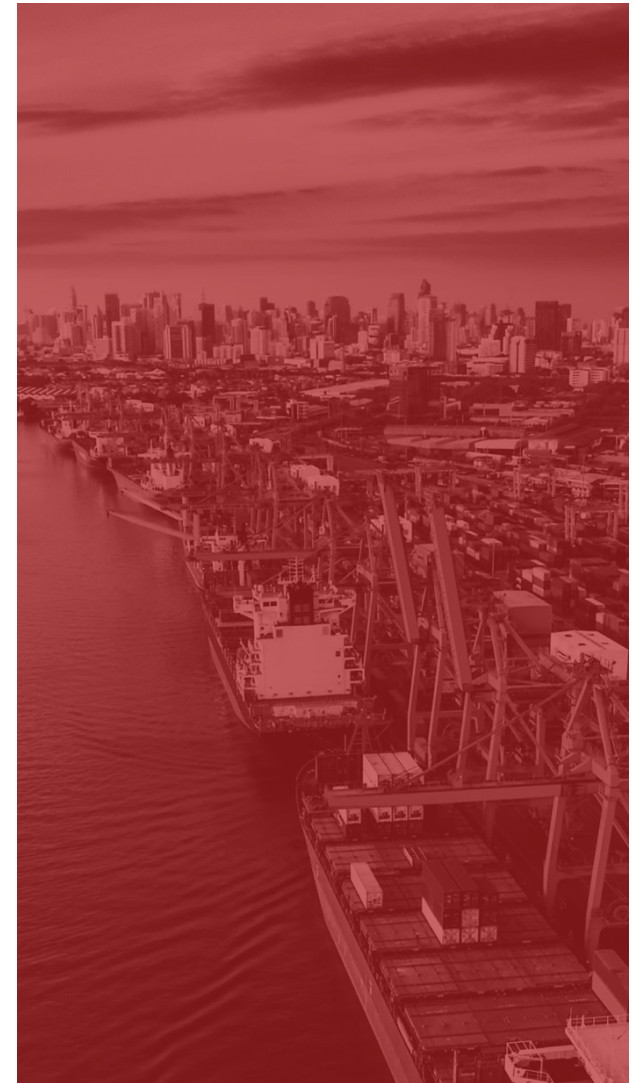
Issue date: 20.05.2025

Initial date of certification: 20.05.2025

Certification renewal date: 19.05.2026

Marcus Lomax
Technical Manager

Smart Freight
Centre



Certification details

Calculation scope	Well-to-wheel GHG emissions, expressed in units of CO2 equivalent according to the scopes of the GHG Protocol Corporate Value Chain Accounting and Reporting Standard.
Input data types	Primary, Modelled
Modal coverage	Hubs
Geographic coverage	Global
Certification criteria	ISO 14083:2023, Greenhouse gases – Quantification and reporting of GHG emissions arising from transport chain operations.

The certification can be suspended, modified, or revoked at any time. The scope of certification and its validity should be checked on [the Smart Freight Centre website](#).

