

**Greenhouse Gas Verification Statement Number  
CCP.Vol0027-2017-tools**

The carbon emissions calculation tools of  
**Carbon Management System (CMS)**

**Deutsche Post DHL Group**

Corporate Accounting and Controlling  
Carbon Accounting and Controlling  
**Deutsche Post DHL Group**  
Headquarters  
Charles-de-Gaulle-Str. 20  
53113 Bonn

have been verified in accordance with  
the GHG Protocol Product Life Cycle Accounting and Reporting  
Standard, the EN 16258 methodology for calculation and declaration  
of energy consumption and GHG emissions of transport services  
and considering the Framework for Logistics Emissions  
Methodologies of the Global Logistics Emissions Council (GLEC)

For the following calculation tools:

- DGFF Carbon Dashboard v.1.2
- DHL Accept v.3.5.02
- Customer Carbon Calculation Engine (C3E) v.1.0
- DHL Carbon Calculator v 2.0.1
- DHL Supply Chain Customer Carbon Footprint Reporting Tool v.2

And in accordance with the GHG Protocol Product Life Cycle  
Accounting and Reporting Standard only

For the following calculation  
Emissions from services supplied by  
Post eCommerce Parcel

Lead Assessor: Dina Bauer  
Technical Reviewer: Peter Simmonds

**Verification Statement: 16<sup>th</sup> January 2018**

This Statement is not valid without the full verification scope,  
objectives, criteria and findings available on pages 2 to 4 of this  
Statement.

Authorized by



p.p.a. Hans-Peter Heuser  
Business Manager  
Environment, Health and Safety



i.A. Dina Bauer  
Lead Auditor  
Environment, Health and Safety  
SGS Germany GmbH  
Goerzallee 305a  
14167 Berlin - Germany

[www.sgs.com](http://www.sgs.com)

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**Schedule Accompanying Greenhouse Gas Verification  
Statement Number CCP.Vol0027-2017**

**Brief Description of Verification Process**

SGS has been contracted by Deutsche Post DHL Group, Corporate  
Accounting and Controlling  
Carbon Accounting and Controlling  
**Deutsche Post DHL Group**  
Headquarters  
Charles-de-Gaulle-Str. 20  
53113 Bonn,  
for the verification of tools used to calculate the carbon dioxide  
equivalent (CO<sub>2e</sub>) emissions from shipments.

**Roles and responsibilities**

The Carbon Management Departments of DPDHL Group is  
responsible for the development and maintenance of records and  
reporting procedures for the carbon emissions calculation tools for  
the following business units: Post eCommerce Parcel, DHL Express,  
DHL Global Forwarding & Freight and DHL Supply Chain.

It is SGS' responsibility to express an independent GHG verification  
opinion on the carbon emissions calculation tools as presented  
during the verification period stated below.

**SGS conducted a third party verification of  
carbon emissions calculation tools  
in the period 26/10/2017-16/01/2018.**

The assessment included a desk review and site visits at the  
Responsible Party's offices in Bonn and detailed testing of carbon  
emissions tools and reporting procedures. The verification was  
based on the verification scope, objectives and criteria as agreed  
between DPDHL Group and SGS on 20/09/2013 and updated on  
24/10/2017.

**Level of Assurance**

A reasonable level of assurance was agreed

**Scope**

DPDHL Group has commissioned an independent verification by  
SGS of their carbon emissions calculation tools, to establish  
conformance with the GHG Protocol Product Life Cycle Accounting,  
Reporting Standard and the EN 16258 methodology for calculation  
and declaration of energy consumption and GHG emissions of  
transport services and considering the Framework for Logistics  
Emissions Methodologies of the Global Logistics Emissions Council  
(GLEC).

**Description of calculation tools:**

- The following carbon emissions calculation tools were  
included in the verification:  
DGFF Carbon Dashboard v.1.2  
DHL Accept v.3.5.02  
Customer Carbon Calculation Engine (C3E) v.1.0  
DHL Carbon Calculator v 2.0.1  
DHL Supply Chain Customer Carbon Footprint Reporting Tool v.2

**Calculations:**

Emissions from services supplied by  
Post eCommerce Parcel

- Title or description activities: Post, eCommerce and Parcel shipments and services, Express shipments and logistics services
- GHG sources, sinks and/or reservoirs included: Fuel consumption, energy consumption, air -, rail -, sea- and road travel and upstream emissions from the production of the fuels.
- Types of GHGs included: CO<sub>2</sub>e arising from fossil fuel sources (CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, SF<sub>6</sub>, PFCs, HFCs)
- Intended user of the verification statement: business partners, clients, contractors.

**Objective**

The purposes of this verification exercise are, by review of objective evidence, to independently review:

- Whether the methodologies employed in the tools calculate CO<sub>2</sub>e emissions accurately
- Whether data presented in associated reports is complete and accurate as calculated in the tools.

**Criteria**

Criteria against which the verification assessment is undertaken are the GHG Protocol Product Life Cycle Accounting, Reporting Standard and the EN 16258 methodology for calculation and declaration of energy consumption and GHG emissions of transport services and considering the Framework for Logistics Emissions Methodologies of the Global Logistics Emissions Council (GLEC).

**Materiality**

The materiality threshold applied by SGS was 5%

**Conclusion**

DPDHL Group's carbon emission calculation tools are verified by SGS to a reasonable level of assurance, consistent with the agreed verification scope, objectives and criteria subject to qualifications listed below.

SGS' approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emission information and the controls in place to mitigate these risks. Our examination included assessment, on a sample basis, of evidence relevant to the carbon emissions calculation tools.

SGS concludes with reasonable assurance, subject to the qualifications listed below, that the DPDHL Group's tools stated above provide carbon emissions calculations that are materially correct, and present data in associated reports that is complete and accurate. DGFF Carbon Dashboard v.1.2, DHL Accept v.3.5.02, Customer Carbon Calculation Engine (C3E) v.1.0 and DHL Carbon Calculator v 2.0.1 tools are verified as following the requirements of the GHG Protocol Product Life Cycle Accounting and Reporting Standard, the EN 16258 methodology for calculation and declaration of energy consumption and GHG emissions of transport services and considering the Framework for Logistics Emissions Methodologies of the Global Logistics Emissions Council (GLEC)

**Qualifications:**

All carbon emissions are calculated to CO<sub>2</sub>e emissions. Sources included are raw materials, energy, manufacturing and service provision, operation of premises, transport  
For the calculation of the values in compliance with the EN 16258 the emissions from the manufacturing and service provision and operation of premises are excluded.

The verification scope is related to the methodology of the tools and the production of associated reports. No verification was undertaken of specific input data used in the calculation tools therefore carbon footprint data in individual reports was not included within the scope of this verification.

Note: This Statement is Issued, on behalf of DPDHL Group, by SGS Germany GmbH ("SGS") under its General Conditions for GHG Validation and Verification Services. The findings recorded hereon are based upon an audit performed by SGS. A full copy of this statement, the findings and the supporting GHG Assertion may be consulted at  
DPDHL Group.

This Statement does not relieve DPDHL Group from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than DPDHL Group.