

**Greenhouse Gas Verification Statement Number  
CCP.Vol0027-2016-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 and the EN 16258 methodology for calculation and  
declaration of energy consumption and GHG emissions of transport  
services

For the following calculation tools:

DGFF Carbon Dashboard v.1.2

DHL Accept v.3.5

Customer Carbon Calculation Engine (C3E) v.1.0

DHL Carbon Calculator v 2.0.1

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

For the following calculations

Emissions from services supplied by

Post eCommerce Parcel

DHL Supply Chain Customer Carbon Footprint Report v.1.3

Lead Assessor: Martine Meerburg

Technical Reviewer: Peter Simmonds

**Verification Statement: 13<sup>th</sup> January 2017**

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

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**Schedule Accompanying Greenhouse Gas Verification  
Statement Number CCP.Vol0027-2016**

**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>2</sub>e) 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 14/11/2016-3/1/2017.**

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 23/09/2014.

**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 and Reporting Standard and the EN 16258 methodology for calculation and declaration of energy consumption and GHG emissions of transport services.

**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

Customer Carbon Calculation Engine (C3E) v.1.0

DHL Carbon Calculator v 2.0.1

**Calculations:**

Emissions from services supplied by Post eCommerce Parcel

DHL Supply Chain Customer Carbon Footprint Report v.1.3.

- 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 and Reporting Standard and the EN 16258 methodology for calculation and declaration of energy consumption and GHG emissions of transport services.

#### 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, 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 and the EN 16258 methodology for calculation and declaration of energy consumption and GHG emissions of transport services

#### 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.