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## Environmental labels and declarations — Self-declared environmental claims (Type II environmental labelling)

### AMENDMENT 1: Carbon footprint, carbon neutral

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*Marquage et déclarations environnementaux — Autodéclarations  
environnementales (Étiquetage de type II)*

*AMENDEMENT 1: Empreinte carbone, neutre en carbone*

<https://standards.iteh.ai/catalog/standards/sist/2a49754c-9bdc-465e-a526-4d00197f8672/iso-14021-2016-fdamd-1>

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ISO/CEN PARALLEL PROCESSING



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This document was prepared by Technical Committee ISO/TC 207, *Environmental management*, Subcommittee SC 3, *Environmental labelling*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS-S26, *Environmental management*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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# Environmental labels and declarations — Self-declared environmental claims (Type II environmental labelling)

## AMENDMENT 1: Carbon footprint, carbon neutral

### Clause 2, Normative references

Add the following entry:

ISO 14026, *Environmental labels and declarations — Principles, requirements and guidelines for communication of footprint information*

Replace the entry for ISO/TS 14067, *Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification and communication* with the following:

ISO 14067, *Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification*

### Clause 3, Terms and definitions

Revise the introductory text to read:

For the purposes of this document, the terms and definitions given in ISO 14067 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

Add the following terms and definitions:

#### 3.1.20

#### **carbon footprint of a product**

##### **CFP**

sum of GHG emissions and GHG removals in a product system, expressed as CO<sub>2</sub> equivalents and based on a life cycle assessment using the single impact category of climate change

[SOURCE: ISO 14067:2018, 3.1.1.1, modified — Notes 1 and 2 to entry have been deleted.]

#### 3.1.21

#### **partial carbon footprint of a product**

##### **partial CFP**

sum of GHG emissions and GHG removals of one or more selected process(es) in a product system, expressed as CO<sub>2</sub> equivalents and based on the selected stages or processes within the life cycle

Note 1 to entry: A partial CFP is based on or compiled from data related to (a) specific process(es) or footprint information modules, which is (are) part of a product system and can form the basis for quantification of a CFP. More detailed information on information modules is given in ISO 14025:2006, 5.4.

[SOURCE: ISO 14067:2018, 3.1.1.2, modified — Notes 2 and 3 to entry have been deleted.]

*7.17, Claims relating to greenhouse gas emissions*

Replace 7.17 with the following text:

**7.17.1 General**

Carbon footprint of a product (CFP) and partial carbon footprint of a product (partial CFP) are the preferred terms used in the provision of information relating to greenhouse gas emissions of both processes (i.e. partial CFP) and products (i.e. CFP). This subclause covers claims related to the CFP or partial CFP and also claims of carbon neutral/carbon neutrality.

**7.17.2 CFP and Partial CFP**

**7.17.2.1 Usage of term**

A CFP is understood as the sum of life cycle GHG emissions and removals.

A CFP or partial CFP is used for reporting the environmental impact category of climate change that is assessed during a life cycle assessment. It does not indicate the overall environmental performance of a product during its life cycle [see 5.7 h)].

NOTE In respect to the terminology of ISO 14026 regarding footprint communication, climate change is considered as an example of an “area of concern”.

**7.17.2.2 Evaluation methodology**

The quantification of a CFP or partial CFP shall be carried out in accordance with ISO 14067. The communication of the CFP or partial CFP shall be carried out in accordance with ISO 14026.

**7.17.3 Carbon neutral**

**7.17.3.1 General**

Carbon neutral refers to a product (as a product system) that has a CFP of zero or a product for which the emissions determined as the CFP have been reduced to zero through offsetting.

**7.17.3.2 Usage of term**

In relation to a product, carbon neutral requires that all the GHG emissions from all stages of the product life cycle, and within the specified product system, have been reduced, removed or accounted for through a system of offsetting or credits, or by other means.

An unqualified claim of carbon neutral shall not be made.

**7.17.3.3 Qualifications**

Carbon neutrality claims shall include:

- a) a statement that the CFP is zero; or
- b) a clear statement about which elements of the product life cycle have been reduced, removed or accounted for through a system of offsetting.

Claims of carbon neutrality involving offsetting shall also be qualified with a statement that declares the CFP and clearly explains what has been reduced, removed or accounted for through offsetting, providing full details of the offsetting scheme used and information that enables the purchaser to access sources of further information explaining the offsetting programme.

All carbon neutral claims shall conform to all other requirements of this document. In particular, the onus on a claimant to follow the principles set out in this clause shall not be diminished by substituting like terms (see 7.1).

**NOTE** It is advisable that an organization gives preference to achieving carbon neutrality through the strategies of prevention and reduction of its own emissions and substitution of renewable energy sources for fossil energy sources. Acquisition of carbon offsets can be used to compensate for remaining emissions.

#### **7.17.3.4 Evaluation methodology**

Determination of carbon neutrality is based on, first, the calculation of a CFP (see 7.17.2.2), then the use of offsetting for reducing, removing or accounting for offsets equivalent to the emissions of the CFP. Alternatively, carbon neutrality can be achieved by a product whose CFP is zero.

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